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U.S. Department
of Transportation
Federal Highway
Administration

Highway Safety Performance-1986

Fatal and Injury Accident Rates on Public Roads in the United States

April 1988 (*cover 1986 stats*)

Prepared by the Offices of
Highway Safety and Highway
Information Management

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FHWA-SA-88-007

A report of the Secretary of
Transportation to the United
States Congress pursuant to
Section 207 of the Surface
Transportation Assistance Act of
1982 (P.L. 97-424)

FOREWORD

This report was prepared pursuant to Section 207 of the Surface Transportation Assistance Act of 1982 (P.L. 97-424) which reads as follows:

Sec. 207. The Secretary of Transportation shall prepare, publish, and submit to Congress not later than December 31 of each calendar year beginning after December 31, 1982, a report on the highway safety performance of each State in the preceding calendar year. Such report shall provide data on highway fatalities and injuries and motor vehicle accidents involving fatalities and injuries and travel in urban areas of each State for each system of highways and in rural areas of such State for each system of highways. Such report shall be in such form and contain such other information on highway accidents as will permit an evaluation and comparison of highway safety performance of the States. For purposes of this section (1) the systems of highways in a State are the Federal-Aid primary system, the Federal-Aid secondary system, the Federal-Aid urban system, and the Interstate System (as such terms are defined in section 101 of Title 23, United States Code) and the other highways in such State which are not on the Federal-Aid system, and (2) the terms "State," "rural areas," and "urban area" have the meaning such terms have under such section 101.

This is the fifth report to Congress under Section 207. The reports contain an extension of a series of statistical data published annually since 1967 by the Federal Highway Administration (FHWA) as "Fatal and Injury Accident Rates on Federal-Aid and Other Highway Systems." The series has been a cooperative effort of the FHWA's Offices of Traffic Operations, Highway Safety, and Highway Information Management. The Office of Highway Information Management is the former Office of Highway Planning, Highway Statistics Division. The States have provided the data for this series through the Highway Performance Monitoring System (HPMS), and its predecessors, administered by the Office of Highway Information Management. Data from the Fatal Accident Reporting System (FARS) administered by the National Highway Traffic Safety Administration (NHTSA) have been used to verify and supplement the HPMS data.

HIGHWAY SAFETY PERFORMANCE - 1986

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U.S. DEPARTMENT OF TRANSPORTATION
Federal Highway Administration
Washington, D.C. 20590

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SECTION I--INTRODUCTION

A. Purpose of Report

In response to the Congressional direction given in the Surface Transportation Assistance Act of 1982, this report provides motor vehicle traffic accident data which may be used, together with other relevant information, in evaluating and comparing the highway safety performance of the States. It is not the purpose of this report to present either a detailed analysis of the data or a completed evaluation or comparison of State highway safety performance. The text of the report is primarily technical detail and background information which may assist those who analyze or interpret the statistical tables and graphs.

B. Terminology

It is customary, when drafting legislation, to begin with definitions. These serve to introduce terms which are not in common use and to clarify the intended meaning of familiar terms which may be ambiguous. Interpretation of laws is greatly facilitated by the use of carefully defined terminology. Similarly, the interpretation of statistics is dependent upon an understanding of the terminology used in the collection and processing of the data. Such an understanding is particularly important when statistics from two or more sources are combined or compared. For this reason, an explanation of pertinent terminology precedes the statistical data in this report.

The two primary sources for the definitions which follow are Section 101 of Title 23 of the United States Code and the Manual on Classification of Motor Vehicle Traffic Accidents (ANSI D16.1-1983). It should be recognized that the accident data in this report have been collected and processed by thousands of persons in State and local agencies and that deviations from the standard definitions are not unusual. Most of the deviations are relatively minor, but some are not. Users of accident statistics should be constantly alert to the fact that statistical differences may reflect differences in terminology rather than differences in accident experience.

Terms used in this report are defined as follows:

A motor vehicle traffic accident is an accident involving a motor vehicle in use within the right-of-way or other boundaries of a trafficway open for the use of the public.

An injury is any bodily harm received by a person in a motor vehicle traffic accident.

A fatal injury is any injury that results in death.

A nonfatal injury is any injury other than a fatal injury.

A fatal accident is a motor vehicle traffic accident resulting in one or more fatal injuries.

A nonfatal injury accident is a motor vehicle traffic accident that results in one or more injuries, but no fatal injuries.

A fatality is the death of any person who suffers a fatal injury. For its statistics on motor vehicle traffic fatalities, the Department of Transportation uses a 30-day counting rule, including only those deaths which occur within 30 days of the fatal injury. Approximately two percent of traffic fatalities occur later.

A nonfatally injured person is one who suffers a nonfatal injury in either a fatal accident or a nonfatal injury accident.

Vehicle miles are the miles of travel by all types of motor vehicles, as determined by the State highway departments on the basis of actual traffic counts and established estimating procedures.

The fatal accident rate, nonfatal injury accident rate, fatality rate, and nonfatal injury rate are, respectively, the number of fatal accidents, nonfatal injury accidents, fatalities, and nonfatally injured persons per 100 million vehicle miles of travel.

An urban highway is any road or street within the boundaries of an urban area. An urban area is an area including and adjacent to a municipality or urban place with 5,000 or more population. The boundaries of urban areas are fixed by the State highway departments, subject to the approval of the Federal Highway Administration, for purposes of the Federal-Aid highway program.

A rural highway is any road or street which is not an urban highway.

Travel density is the average number of vehicle miles driven on a section of highway each day divided by the length of the section in miles. It is expressed as a number of vehicles and may be referred to as average daily traffic (ADT).

The provisional rate-density relationship is the relationship between fatality rates and average daily traffic. It is based on data for the 4-year period preceding the calendar year for which detailed data are reported. It is labelled "provisional" to make it clear that it is to be used as a guide rather than a standard. A provisional rate-density relationship may be described graphically or mathematically by a rate-density curve.

A provisional range for a given period of time is based on a provisional rate-density relationship and the volume of travel. The provisional range indicates--for an appropriate volume of travel--the amount of deviation from fatality rates on a rate-density curve which might be expected if the deviation were random.

The characteristics of the functional classes of highways referred to in this compilation of statistical data are briefly described as follows:

Arterial highways serve major traffic movements or major traffic corridors. While they may provide access to abutting land, their primary function is to serve traffic moving through the area.

Local highways are those roads and streets whose principal function is to provide direct access to abutting land.

Collector highways are those highways which link local highways to arterial highways.

The characteristics of the several Federal-Aid highway systems referred to in this report are briefly described as follows:

Federal-Aid Primary, Secondary, and Urban highway systems are those for which Federal-Aid highway matching funds may be spent by the State.

The Federal-Aid Primary system is a system of connected main roads important to interstate, statewide, and regional travel, consisting of rural arterial routes and their extensions into or through urban areas.

The Interstate System is a part of the Federal-Aid Primary system. It is a system of freeways (i.e., expressways with fully controlled access) connecting and serving the principal cities of the United States.

The Federal-Aid Secondary system consists of rural major collector routes.

The Federal-Aid Urban system consists of urban arterial and collector routes, exclusive of urban extensions of the Federal-Aid Primary system.

The fatality statistics in this report differ somewhat from those reported elsewhere. For its motor vehicle traffic fatality statistics, the Department of Transportation (DOT) uses a 30-day counting rule.^{1/} Under this rule, deaths resulting from an accident are counted only if they occur within 30 days of the accident. Traffic fatalities are listed by the time and place of the fatal accident. Similar statistics published by the National Center for Health Statistics (NCHS) are listed by the time of death and place of residence of the deceased, using a 12-month counting rule.

^{1/} Federal Highway Administration/National Highway Traffic Safety Administration; "Highway Fatality Counting Rule"; Federal Register, Volume 43, No. 191; pp. 45486-45487; October 2, 1978.

Another difference in the reporting of fatalities which result from motor vehicle accidents is the treatment of deaths resulting from nontraffic accidents. Examples of motor vehicle nontraffic accidents are those which occur in the driveways of private homes or in other locations outside the rights-of-way or other boundaries of roads which are open for public use. Annual motor vehicle fatality figures for the United States reported by NCHS and the National Safety Council (NSC) generally include about a thousand nontraffic fatalities--deaths which are not included in DOT reports.

The number of nonfatally injured persons is also counted in a variety of ways. In this publication the number of injured persons is the number reported by police. The NSC, for comparability with injuries from industrial and other accidents, reports the number of persons disabled beyond the day of the accident. Another approach is taken in the National Health Survey by the Bureau of Census. In the National Health Survey, the estimated number of injuries is based on responses to household interviews. National Health Survey injury figures tend to be about twice as high as those reported by NSC. The police-reported figures used in this publication are midway between the others.

C. Highway Safety Performance in 1986

The traffic accident statistics for 1986 show an increase of about 2,200 fatalities, over 1985. A disproportionate share of these fatalities occurred on non-Federal-Aid collector and local highways. The fatality rate per 100 million vehicle miles of travel was 2.51, which was higher than the record low set in 1985.

Table 1 contains travel and accident data by highway system for the United States. It is a summary of the detailed data contained in Tables 2 through 6. Estimates have been included where data reported by the States were incomplete. Six states--Florida, Indiana, Massachusetts, Missouri, North Carolina and Vermont, and the District of Columbia--were unable to submit complete data in time for inclusion in this report. Only Massachusetts failed to submit data for 1984 and 1985; Vermont failed to submit data for 1985; Missouri and North Carolina failed to submit nonfatal injury accident data for all highway systems.

The data permit comparison of numbers and rates (per 100 million vehicle miles) for accidents and casualties on Federal-Aid and other highway systems. Fatality rates are substantially lower on the Interstate System than on any other highway system and about one-fifth of all highway travel in the United States occurs on the Interstate System.

Table 2 contains a summary of travel and accident data, including pedestrian data, by State. The data are presented in greater detail in Tables 3 through 6. The number of pedestrians injured, fatally or nonfatally, are reported for each State together with pedestrian injury rates.

TABLE 1. U.S. VEHICLE-MILE RATES BY HIGHWAY SYSTEM - 1986¹

HIGHWAY SYSTEM	HIGHWAY MILES ^{2/}	VEHICLE MILES (MILLIONS) ^{2/}	DAILY VEHICLE MILES PER MILE	FATAL ACCIDENTS		NONFATAL INJURY ACCIDENTS ^{4/}		FATALITIES		NONFATALLY INJURED PERSONS ^{4/}	
				NUMBER	RATE ^{3/}	NUMBER	RATE ^{3/}	NUMBER	RATE ^{3/}	NUMBER	RATE ^{3/}
INTERSTATE (ARTERIAL)	32,784	159,477	13,327	1,808	1.13	36,858	23.11	2,112	1.32	58,889	36.93
RURAL	11,060	231,177	57,266	1,908	0.83	107,472	46.49	2,139	0.33	162,138	70.14
URBAN	43,844	390,654	24,411	3,716	0.95	144,330	36.95	4,251	1.09	221,027	56.58
OTHER FEDERAL-A10											
PRIMARY (ARTERIAL)	226,416	286,046	3,461	8,570	3.00	194,552	68.01	10,171	3.56	326,992	114.31
RURAL	32,973	251,425	20,891	4,014	1.60	317,042	126.10	4,408	1.75	489,457	194.67
URBAN	259,389	537,471	12,584	2,34	511,594	95.19	14,579	2.71	816,449	151.91	
FEDERAL-A10 URBAN											
ARTERIAL	90,461	326,528	9,889	7,351	2.25	569,489	174.41	7,931	2.43	863,633	264.49
COLLECTOR	55,660	70,812	3,486	1,292	1.82	107,365	151.62	1,380	1.95	155,235	219.22
TOTAL (ALL URBAN)	146,121	397,340	7,450	8,643	2.18	676,854	170.35	9,311	2.34	1,018,868	256.42
FEDERAL-A10 SECONDARY											
(COLLECTOR)											
TOTAL (ALL RURAL)	397,914	157,351	1,083	5,814	3.69	164,824	104.75	6,653	4.23	257,912	163.91
NON-FEDERAL-A10											
ARTERIAL	2,547	4,102	4,412	102	2.49	1,761	42.93	133	3.24	3,196	77.91
RURAL	8,643	24,024	7,615	400	1.67	19,041	79.26	437	1.82	29,268	121.83
URBAN	11,190	28,126	6,886	502	1.78	20,802	73.96	570	2.03	32,464	115.42
NON-FEDERAL-A10											
COLLECTOR											
RURAL	329,799	50,767	422	1,752	3.45	80,784	159.13	1,969	3.88	120,468	237.30
URBAN	19,290	19,709	2,799	2,309	1.57	20,024	101.60	332	1.68	28,708	145.66
TOTAL	349,089	70,476	553	2,061	2.92	100,808	143.04	2,301	3.26	149,176	211.67
NON-FEDERAL-A10 LOCAL											
RURAL	2,188,664	92,332	116	4,276	4.63	197,678	214.09	4,711	5.10	292,558	316.85
URBAN	483,327	164,490	932	3,466	2.11	436,810	265.55	3,680	2.24	621,146	377.62
TOTAL	2,671,991	256,822	263	7,742	3.01	634,488	247.05	8,391	3.27	913,704	355.77
ALL FEDERAL-A10											
RURAL	657,114	602,874	12,514	2,69	3.96	2,234	65.72	18,936	3.14	643,793	106.79
URBAN	190,154	879,942	12,678	14,565	1.66	1,101,368	125.16	15,858	1.80	1,670,463	189.84
TOTAL	847,268	1,482,816	4,795	30,757	2.07	1,497,602	101.00	34,794	2.35	2,314,256	156.07
ALL NON-FEDERAL-A10											
RURAL	2,521,010	147,201	160	6,130	4.16	280,223	190.37	6,813	4.63	416,222	282.76
URBAN	511,260	208,222	1,116	4,175	2.01	475,875	228.54	4,449	2.14	679,122	326.15
TOTAL	3,032,270	355,424	321	10,305	2.90	756,098	212.73	11,262	3.17	1,095,344	308.18
NON-INTERSTATE											
RURAL	3,145,340	590,598	514	20,514	3.47	639,599	108.30	23,637	4.00	1,001,126	169.51
URBAN	690,354	856,888	3,401	16,832	1.96	1,469,771	171.50	18,168	2.12	1,187,447	255.25
TOTAL	3,835,694	1,447,586	1,034	37,346	2.58	2,109,370	145.72	41,805	2.89	3,188,573	220.07
TOTAL											
RURAL	3,178,124	750,075	647	22,322	2.98	676,457	90.19	25,749	3.43	1,060,015	141.32
URBAN	701,414	1,088,165	4,250	18,740	1.72	1,577,243	144.95	20,307	1.87	2,349,585	215.92
TOTAL	3,879,538	1,838,240	1,298	41,062	2.23	2,253,700	122.60	46,056	2.51	3,409,600	185.48

^{1/} U.S. ESTIMATES EXCLUDE THE COMMONWEALTH OF PUERTO RICO AND THE TERRITORIES OF AMERICAN SAMOA, GUAM, AND VIRGIN ISLANDS. ESTIMATES FOR FATAL ACCIDENTS, FATALITIES, NONFATAL INJURY ACCIDENTS AND NONFATAL INJURED PERSONS ARE BASED ON THE PARTIAL DATA REPORTED BY STATES WHICH ARE DISPLAYED IN THE FOLLOWING TABLES, TOGETHER WITH TOTALS REPORTED BY MOST STATES.

^{2/} MILEAGE AND TRAVEL DATA ARE FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) FOR 1986. FEDERAL-A10 HIGHWAY MILEAGE IS FROM HPMS UNIVERSE DATA AS OF SEPTEMBER 30, 1987 AND VEHICLE-MILES

OF TRAVEL ARE FROM THE HPMS AREAS OF THE HIGHWAY ADMINISTRATION AS OF SEPTEMBER 30, 1987. FEDERAL HIGHWAY CATEGORIES WHERE COMPLETE FUNCTIONAL OR FEDERAL-A10 SYSTEM DATA WERE NOT REPORTED.

^{3/} RATES ARE PER 100 MILLION VEHICLE MILES.

^{4/} TOTALS OF NONFATAL INJURY ACCIDENTS AND NONFATAL INJURED PERSONS FOR THE DISTRICT OF COLUMBIA, FLORIDA, INDIANA, MASSACHUSETTS, MISSOURI, AND VERMONT.

TABLE 2. STATE ACCIDENT SUMMARY - 1986

STATE	HIGHWAY MILES (MILLIONS)	VEHICLE MILES (MILLIONS)	FATAL ACCIDENTS		NONFATAL INJURY ACCIDENTS		FATALITIES		NONFATALLY INJURED PERSONS		FATALITY INJURE PEDESTRIANS		NONFATALLY INJURED PEDESTRIANS		
			NUMBER	RATE $\frac{1}{M}$	NUMBER	RATE $\frac{1}{M}$	NUMBER	RATE $\frac{1}{M}$	NUMBER	RATE $\frac{1}{M}$	NUMBER	RATE $\frac{1}{M}$	NUMBER	RATE $\frac{1}{M}$	
ALABAMA	87,979	34,003	968	2.85	29,186	85.83	1,081	3.18	42,530	125.08	108	0.32	823	2.42	
ALASKA	13,639	4,008	889	2.22	3,675	91.69	1,01	2.52	5,432	135.53	17	0.42	159	3.97	
ARIZONA	77,314	22,663	886	3.91	26,034	114.3	1,004	4.3	40,541	126.87	166	0.73	1,052	4.64	
ARKANSAS	77,050	17,555	523	2.98	8,680	49.44	602	3.13	15,121	87.84	67	0.38	758	4.32	
CALIFORNIA	175,092	214,913	4,683	2.18	233,004	108.42	5,253	2.44	347,351	161.62	862	0.40	17,600	8.19	
COLORADO	76,318	26,382	507	1.92	27,863	105.61	603	2.29	41,409	156.96	59	0.22	1,116	7.13	
CONNECTICUT	19,688	24,053	427	1.78	35,367	147.04	450	1.87	49,484	205.73	78	0.32	1,714	7.13	
DELAWARE	5,332	5,762	119	2.07	5,994	104.03	136	2.36	8,991	156.04	16	0.28	298	5.17	
DIST. OF C.OL.	1,102	3,287	2/	4.4	1,34	2/	4/	1.34	3/	4/	14	0.43	3/	4/	
FLORIDA	99,174	87,273	2/	2.542	2/	2.91	2/	2.93	2/	2/	597	0.68	3/	4/	
GEORGIA	106,007	56,833	1,378	2.42	52,928	93.13	1,530	2.59	80,646	141.90	216	0.38	1,179	2.07	
HAWAII	4,040	6,971	111	1.59	7,254	104.06	120	1.72	12,893	184.95	28	0.40	476	6.83	
ILLINOIS	134,754	7,781	1,449	1.95	122,850	165.69	1,596	2.15	184,078	248.27	269	0.36	10,274	13.86	
INDIANA	91,662	40,780	2/	931	2.28	18,32	1,338	2/	2.16	26,669	130.65	34	0.24	3/	4/
IOWA	112,498	20,413	388	1.90	18,522	90.74	441	1.44	2/	2/	98	0.17	774	3.72	
KANSAS	132,646	19,821	413	2.08	20,975	105.82	500	2.52	32,150	162.20	41	0.22	1,269	2.53	
KENTUCKY	69,564	29,252	723	2.47	31,019	106.04	805	2.75	46,820	160.06	84	0.29	1,578	5.39	
Louisiana	58,229	29,861	821	2.75	39,562	132.49	932	3.12	65,366	218.90	142	0.48	3,43	4.37	
MAINE	21,968	10,022	190	1.90	11,775	117.49	212	2.12	17,123	170.85	17	0.17	438	4.37	
MARYLAND	27,338	35,208	716	2.03	50,883	144.52	784	2.23	82,955	235.61	125	0.36	3,158	8.97	
MASSACHUSETTS	33,003	40,745	2/	677	1.66	2/	749	1.84	2/	2/	164	0.40	3/	4/	
MICHIGAN	117,664	71,981	1,431	1.99	102,266	147.63	1,594	2.21	157,377	218.64	236	0.33	4,440	6.03	
MINNESOTA	132,644	33,806	505	1.49	27,578	81.87	571	1.69	39,785	117.69	70	0.21	1,427	4.22	
MISSISSIPPI	71,818	19,226	670	3.48	13,167	68.49	771	4.01	24,743	128.70	79	0.41	507	2.64	
MISSOURI	119,398	41,571	970	3.33	13,32	68.4	1,129	2.72	2/	2/	113	0.27	3/	4/	
MONANA	71,706	71,737	193	2.49	5,116	66.12	222	2.87	7,837	101.29	10	0.13	162	2.09	
NEBRASKA	92,096	12,630	259	2.05	13,508	106.95	290	2.30	2/	2/	24	0.19	597	4.13	
NEVADA	44,438	7,986	203	2.54	9,848	123.32	233	2.92	15,067	188.67	27	0.34	633	7.93	
NEW HAMPSHIRE	14,491	7,913	1,62	2.05	7,301	92.27	172	2.17	9,956	125.82	25	0.32	383	4.84	
NEW JERSEY	34,040	55,350	946	1.71	9,764	171.71	1,039	1.88	147,023	265.62	277	0.50	7,583	13.70	
NEW MEXICO	53,596	13,171	436	3.31	15,965	121.21	1,499	3.79	24,344	184.83	102	0.77	950	7.21	
NEW YORK	110,136	94,716	1,943	2.05	193,701	204.51	2,115	2.23	281,914	297.64	515	0.54	23,125	24.42	
NORTH CAROLINA	93,300	52,866	1,483	2.82	1,576	131.60	1,647	3.12	1,139	214.11	242	0.46	2,974	5.63	
NORTH DAKOTA	86,173	5,632	88	1.56	3,673	65.22	100	1.8	5,34	96.48	4	0.07	153	2.22	
OHIO	113,888	81,348	1,503	1.85	1,12,160	137.88	1,73	2.06	178,854	219.86	184	0.23	4,482	5.51	
OKLAHOMA	111,001	30,833	605	1.96	22,461	698	2,26	34,450	111.73	65	0.21	748	2.43		
OREGON	94,578	22,741	5,710	2.20	24,586	108.11	619	2.72	38,737	170.34	73	0.32	902	3.97	
PENNSYLVANIA	115,663	77,636	1,115	2.12	58,005	126.24	1,894	2.44	148,081	190.74	238	0.31	7,205	9.28	
RHODE ISLAND	5,429	5,429	7,942	1.46	14,629	124	2,28	9,91	167.45	32	0.59	5,62	3.62		
SOUTH CAROLINA	63,296	28,250	944	3.34	22,850	80.88	1,059	3.75	34,689	122.79	144	0.51	1,117	3.35	
SOUTH DAKOTA	73,668	6,238	1,102	1.89	4,105	65.81	1,134	2.15	6,008	96.31	15	0.24	165	2.65	
TENNESSEE	83,851	39,521	1,102	2.79	45,939	116.24	1,230	3.11	68,004	172.07	133	0.34	1,225	3.61	
TEXAS	285,962	31,348	3,120	2.10	154,514	104.16	3,567	2.40	234,120	157.82	548	0.37	6,276	4.23	
UTAH	49,938	12,100	277	2.29	13,794	114.00	313	2.59	21,057	174.02	46	0.38	1,600	13.22	
VERMONT	14,449	4,778	2/	1,002	1.90	53/	1,02/	1,09	2/	1,02/	142	0.17	3/	4/	
WASHINGTON	65,002	51,726	1,80	1.94	46,090	128.05	1,703	1.95	80,337	156.47	142	0.27	2,099	4.06	
WEST VIRGINIA	35,143	13,181	386	2.93	17,559	133.21	440	3.34	26,889	204.00	35	0.27	638	4.84	
WISCONSIN	108,667	38,428	651	1.69	41,551	108.13	747	1.94	60,542	157.55	63	0.16	2,039	5.31	
WYOMING	38,931	5,373	146	2.72	3,266	60.79	168	3.13	5,044	193.88	11	0.20	2,113	2.10	
SUM Σ	3,879,538	1,838,240	41,062	2.23	1,962,937	121.18	46,056	2.51	2,970,531	183.39	6,771	0.37	117,635	7.26	
U. S. TOTAL Σ	3,879,538	1,838,240	41,062	2.23	2,253,700	122.60	46,056	2.51	3,409,600	185.48	6,771	0.37	133,456	7.26	

$\frac{1}{M}$ PER 100 MILLION VEHICLE MILES.
 $\frac{2}{M}$ STATE TOTAL NOT SUBMITTED THROUGH HPMS; FARS DATA USED.

$\frac{3}{M}$ DATA NOT REPORTED BY STATE.

$\frac{4}{M}$ RATE CAN NOT BE COMPUTED.

$\frac{5}{M}$ U.S. ESTIMATES ARE SHOWN ON PAGE 5. THE SUM REFLECTS THE TOTAL OF DATA SHOWN IN THIS TABLE. SEE FOOTNOTE 3. THE NONFATAL INJURY ACCIDENT RATE IS BASED ON NONFATAL INJURED PERSONS, AND THE PEDESTRIAN RATE IS BASED ON PEDESTRIANS.

DATA SHOWN IN THIS TABLE, SEE FOOTNOTE 3. THE NONFATAL INJURY ACCIDENT RATE IS BASED ON NONFATAL INJURED PERSONS, AND THE PEDESTRIAN RATE IS BASED ON PEDESTRIANS.

DATA SHOWN IN THIS TABLE, SEE FOOTNOTE 3. THE NONFATAL INJURY ACCIDENT RATE IS BASED ON NONFATAL INJURED PERSONS, AND THE PEDESTRIAN RATE IS BASED ON PEDESTRIANS.

ON A TOTAL TRAVEL OF 1,619,806 MILLION VEHICLE MILES FOR STATES REPORTING THIS DATA.

ESTIMATES OF FATAL ACCIDENTS, FATALITIES AND INJURED PEDESTRIANS, PEDESTRIANS ARE BASED ON HPMS AND FARS DATA. ESTIMATES OF TRAVEL INJURY ACCIDENTS, NONFATAL INJURED PERSONS, AND PEDESTRIANS, WERE MADE BY FHWA.

D. National Trends

In the early 70's a safety goal was to achieve a national rate below 3 fatalities per 100 million vehicle miles by 1980. While the goal was not reached in 1980, traffic fatality rates in 1982 through 1986 were well below 3.

From a rate of more than 18 fatalities per 100 million vehicle miles in the mid-20's the average rate has gone down more than 3 percent per year to a rate slightly above 2.50.

Figures 2 and 3 graphically illustrate national traffic fatality and injury rate trends from 1967 through 1986 for Interstate and other highway systems. Fatality rate trends were gradually downward for all systems during this period. Although these trends were interrupted by relatively stable periods following a sharp drop in 1974, the downward movement resumed. Trends for reported injury rates have also been generally downward during the 1967-1986 period.

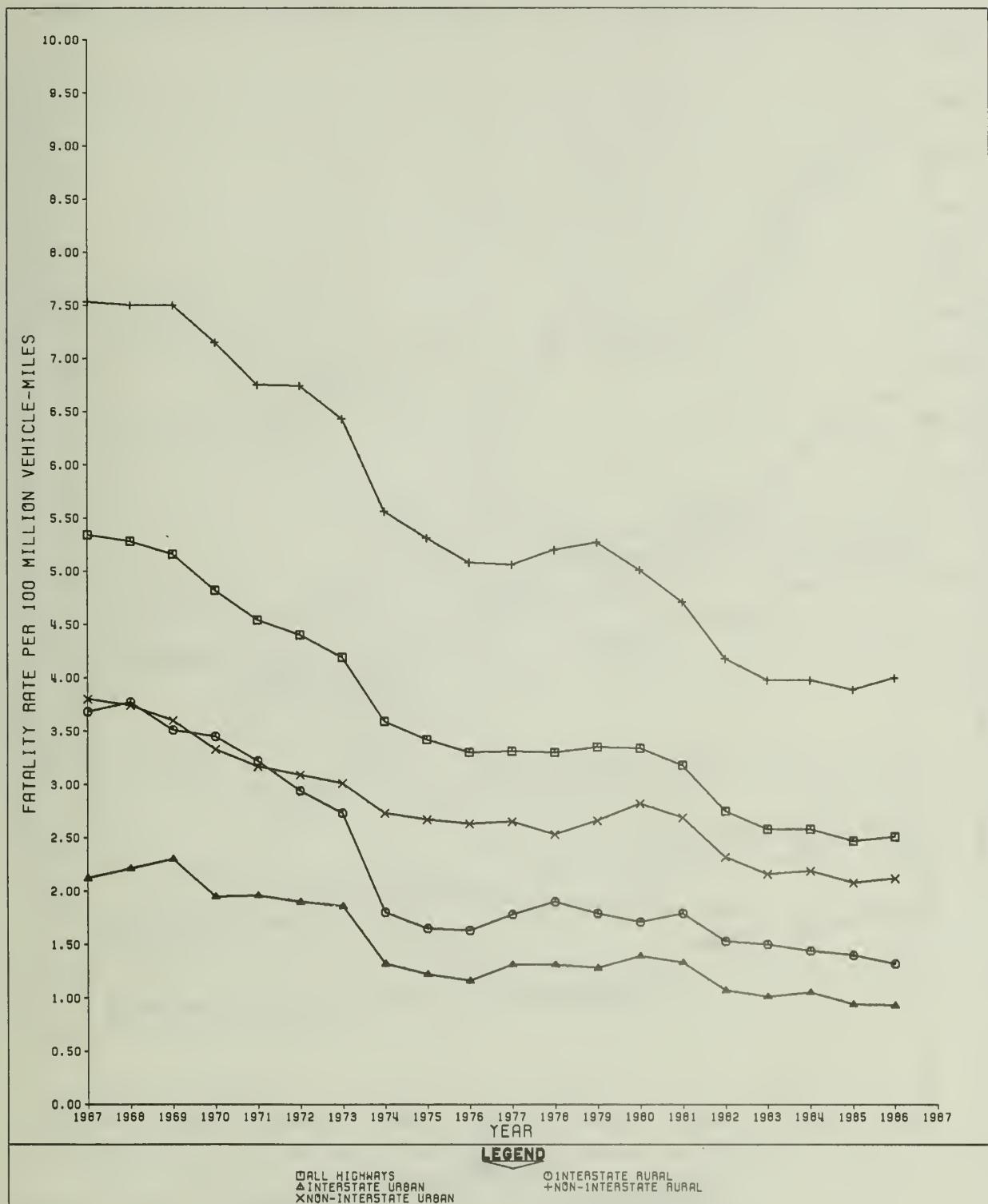
Figures 4 and 5 illustrate national fatality and injury rate trends from 1978 through 1986 by highway system. In the mid-70's, non-Interstate Federal-Aid highway systems were realigned by adopting functional classifications as the basis for assignment of highways to each system. As a result of these changes, trend data are only available for a short period for most systems. The time period covered in Figures 4 and 5 corresponds largely with the period of relative stability which is apparent in Figures 2 and 3. The disproportionate increase in fatalities in 1986 on non-Federal-Aid collector and local systems is reflected in the rates shown in Figure 4.

The 1967 through 1981 data used in Figures 3 through 6 were published in the annual Federal Highway Administration reports, "Fatal and Injury Accidents on Federal-Aid and Other Highway Systems."

**FIGURE 1. U.S. MOTOR VEHICLE TRAFFIC FATALITY RATES
(1925 - 1986)**



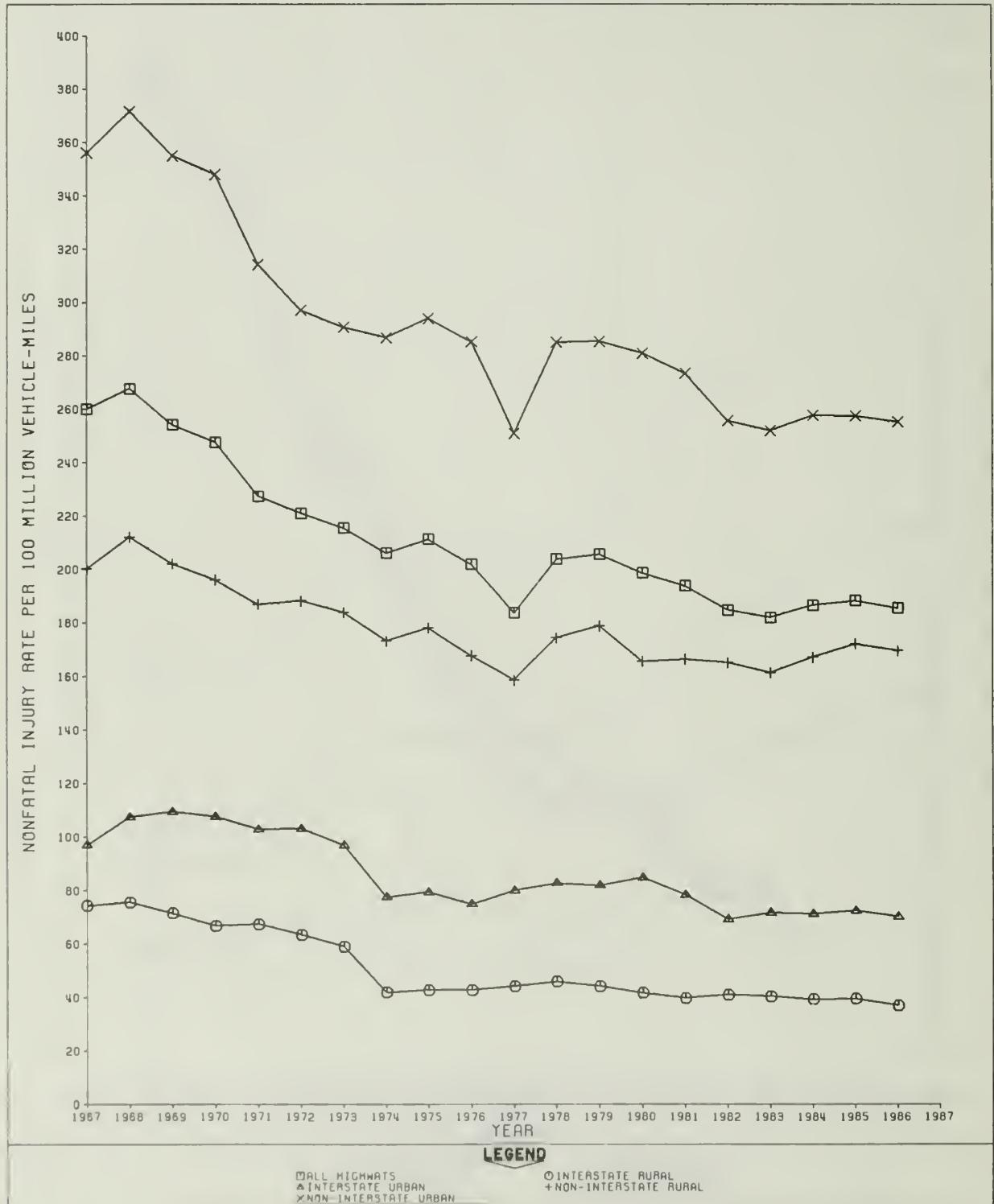
**FIGURE 2. U.S. FATALITY RATES
FOR INTERSTATE AND OTHER
HIGHWAY SYSTEMS (1967-1986)**



LEGEND

□ ALL HIGHWAYS
△ INTERSTATE URBAN
+ NON-INTERSTATE RURAL
○ INTERSTATE RURAL

**FIGURE 3. U.S. INJURY RATES
FOR INTERSTATE AND OTHER
HIGHWAY SYSTEMS (1967 - 1986)**

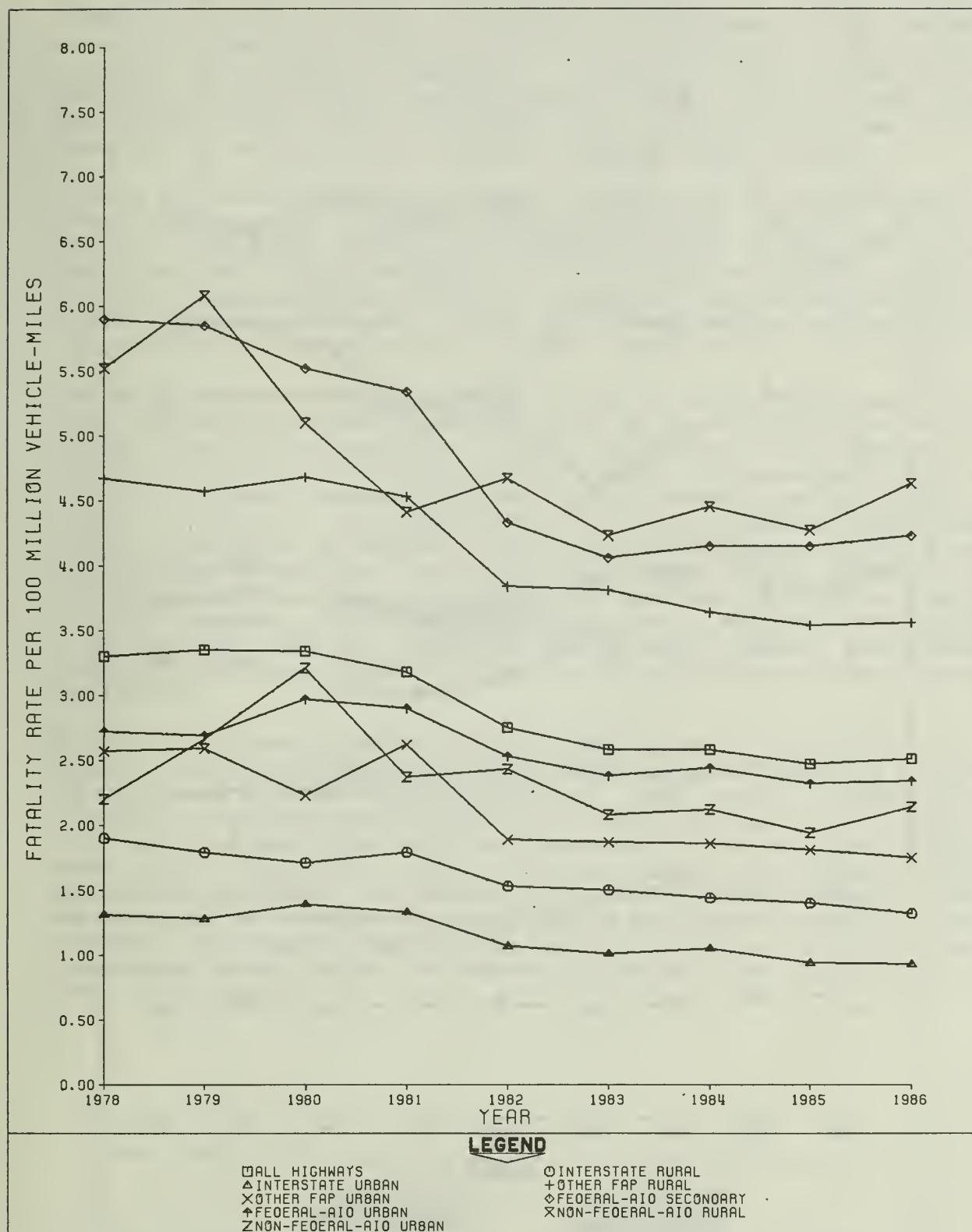


LEGEND

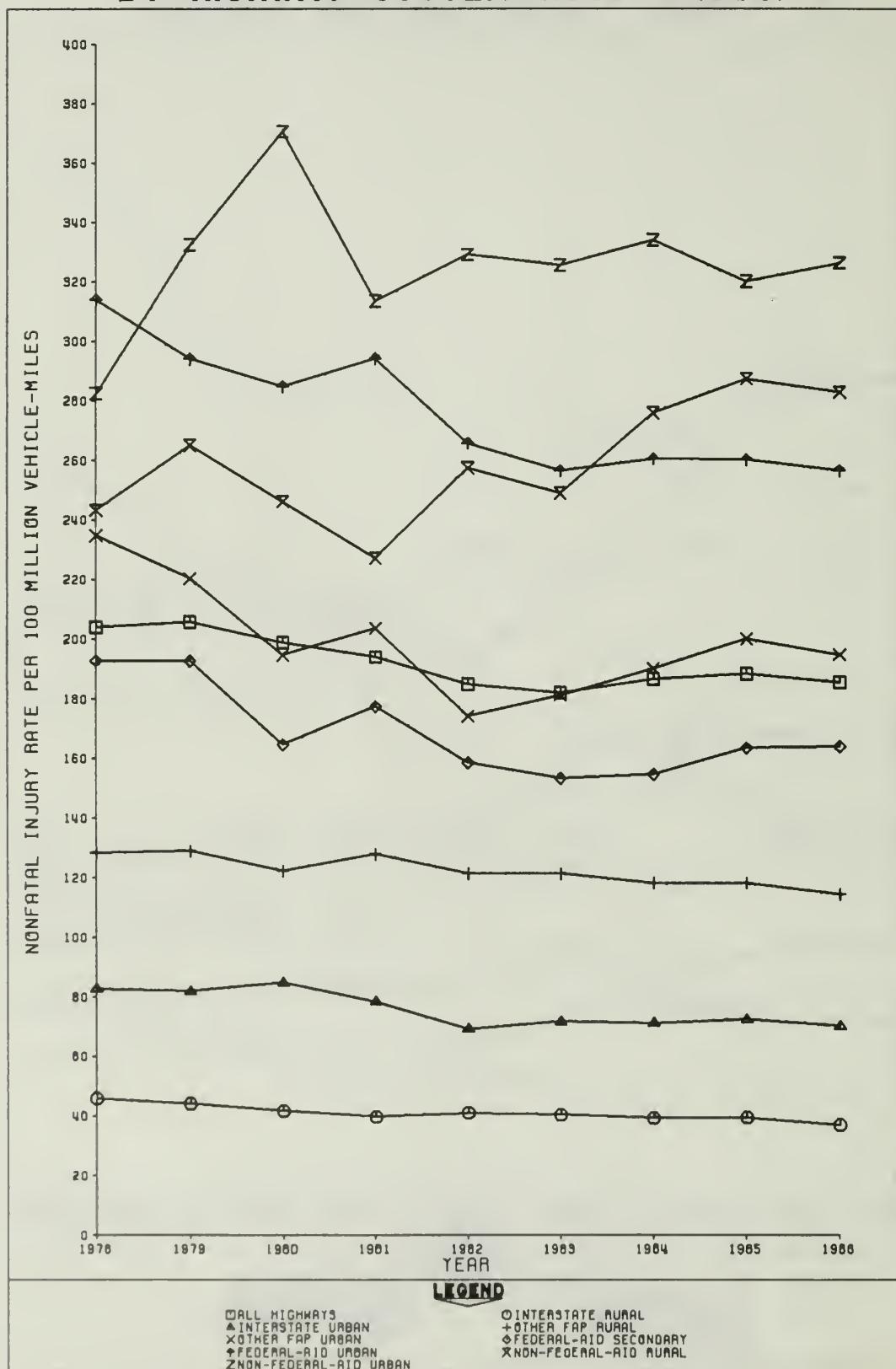
■ ALL HIGHWAYS
▲ INTERSTATE URBAN
× NON-INTERSTATE URBAN

○ INTERSTATE RURAL
+ NON-INTERSTATE RURAL

**FIGURE 4. U.S. FATALITY RATES
BY HIGHWAY SYSTEM (1978 - 1986)**



**FIGURE 5. U.S. NONFATAL INJURY RATES
BY HIGHWAY SYSTEM (1978 - 1986)**



E. Comparison of State Statistics

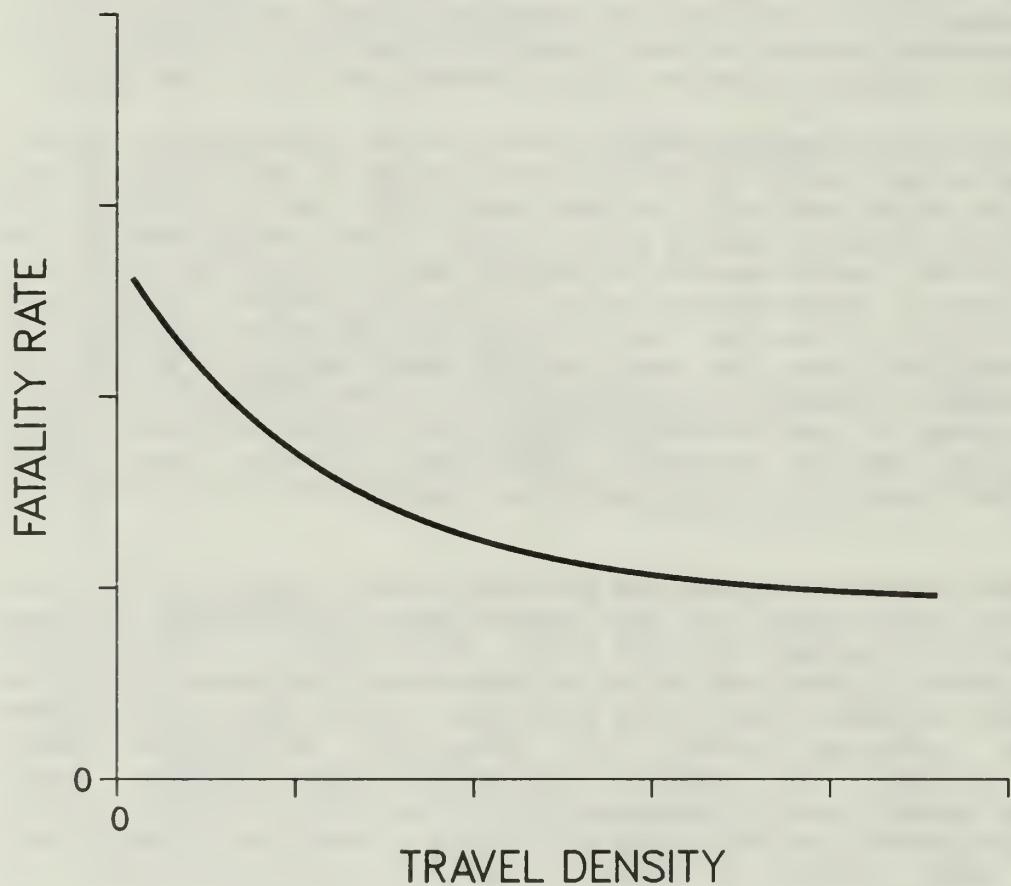
This report was prepared to help meet the need for statistical data to be used in comparing and evaluating the highway safety performance of the States. Those who use the report should be aware of some of the strengths and weaknesses of the data. For the most part, the data have been submitted by State highway departments through the FHWA's Highway Performance Monitoring System. Accident data originate in police accident reporting systems while the collection of travel and highway inventory data originate in the highway departments. The quality of the reported data is generally high but varies somewhat within the States. As is evident from the tables which follow in Section III, not every State was able to summarize its accident data in time for inclusion in this report.

Because all States report accident and related data to FHWA through a single system with carefully written guidelines, reported data are generally consistent. Differences due to variations in data collection procedures are usually marginal, but occasionally may be large enough to obscure or exaggerate real differences among the States. Evaluation of the highway safety performance of each State should include consideration of its record over a period of time as well as comparisons with other States.

One useful device for comparing fatality rates is the rate-density curve. Other things being equal, fatality rates in terms of fatalities per 100 million vehicle miles tend to be highest where the travel density--the ratio of vehicle miles to highway miles--is low. The general shape of the rate-density curve--concave upward and sloping downward to the right--is shown in Figure 6. Rate-density curves in the 1976 "Highway Safety Needs Study," a DOT report to Congress, were used to illustrate the fatality rate reduction resulting from the adoption of safer design standards for Interstate highways. Just as fatality rates are normally higher on lightly traveled segments of the Interstate System than on segments where traffic is heavier, large sparsely populated States will normally have higher fatality rates than States with relatively high concentrations of people and traffic.

When basic rate-density relationships are disregarded, evaluation of State highway safety performance is most often based on comparison of State fatality rates with national fatality rates. This tends to focus undue attention on sparsely populated States and encourages complacency in States which have high population and travel densities. A low-density State might have highly effective speed limit enforcement and highway safety improvement programs, for example, but still have fatality rates substantially above those of a high-density State with ineffective safety programs. Rate-density relationships are used as a basis for fatality rate comparisons among States, by system, in Section V and within States, by year, in Section VI.

Figure 6. RELATIONSHIP BETWEEN FATALITY RATES AND TRAVEL DENSITY



SECTION II--VEHICLE MILEAGE RATES

The most commonly used measures of highway safety are fatality rates based on vehicle mileage. Such rates have been published and widely publicized for about 50 years by the National Safety Council. While other measures are sometimes more appropriate for comparisons and analysis, vehicle mileage rates serve as useful indices. In the tables which follow, rates per 100 million vehicle miles are listed by State and highway system for fatal accidents (Table 3), nonfatal injury accidents (Table 4), fatalities (Table 5), and nonfatally injured persons (Table 6).

The rates shown in these tables are uniformly carried out to two decimal places. This apparent precision surpasses the degree of accuracy of much of the data on which the computed rates are based. Collection and classification of information about miles of highway, vehicle miles of travel, and motor vehicle traffic accidents is a highly complex undertaking. Because of this complexity and the necessity of subjective judgments at many points in the process, the computed rates should be regarded as approximations, not as precise measurements.

TABLE 3-A. FATAL ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1986
FEDERAL-AID INTERSTATE HIGHWAYS

STATE	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	RURAL		STATE		HIGHWAY MILES	VEHICLE MILES (MILLIONS)	URBAN		FATAL ACCIDENTS NUMBER	RATE $\frac{1}{M}$
			DAILY VEHICLE MILES PER MILE	FATAL ACCIDENTS NUMBER	RATE $\frac{1}{M}$	DAILY VEHICLE MILES PER MILE	FATAL ACCIDENTS NUMBER	DAILY VEHICLE MILES PER MILE	FATAL ACCIDENTS NUMBER	RATE $\frac{1}{M}$		
COMPLETE DATA						COMPLETE DATA						
ALABAMA	621	3,379	14,907	62	1.83	ALABAMA	258	2,981	31,656	24	0.81	
ALASKA	1,047	4,700	1,832	24	3.43	ALASKA	42	4,442	28,832	10	2.26	
ARIZONA	1,044	4,309	11,308	96	2.23	ARIZONA	117	1,925	45,077	23	1.19	
ARKANSAS	419	2,064	13,496	25	1.21	ARKANSAS	123	1,299	28,934	8	0.62	
CALIFORNIA	1,416	10,504	20,324	192	1.83	CALIFORNIA	973	41,482	21,603	259	0.62	
COLORADO	766	2,810	10,130	59	2.10	COLORADO	164	3,273	54,678	36	1.10	
CONNECTICUT	108	1,225	31,076	12	0.98	CONNECTICUT	232	5,828	68,824	44	0.75	
DELAWARE	-	-	-	-	-	DELAWARE	833	56,064	55	0.60		
OIST. OF COL.	-	-	-	-	-	GEORGIA	341	8,610	69,176	77	0.89	
GEORGIA	891	6,918	21,272	67	0.97	HAWAII	32	888	76,027	3	0.34	
HAWAII	5	70	38,356	2	2.86	IDAHO	71	411	15,860	9	2.19	
IDAHO	534	1,222	5,270	25	2.05	ILLINOIS	497	10,829	60,921	79	0.73	
ILLINOIS	1,306	1,968	12,500	48	0.80	IDAHO	131	1,075	22,482	8	0.74	
IDAHO	653	2,647	11,106	12	0.45	IDAHO	164	1,662	27,765	19	1.14	
KANSAS	656	1,865	7,789	17	0.91	KANSAS	163	2,627	44,155	24	0.91	
KENTUCKY	579	3,881	18,364	32	0.82	KENTUCKY	179	3,436	52,590	24	0.70	
LOUISIANA	532	3,555	18,308	43	1.21	LOUISIANA	39	305	21,426	7	2.30	
MAINE	276	1,223	12,200	9	0.73	MAINE	224	6,922	84,724	49	0.71	
MARYLAND	165	2,258	37,493	19	0.84	MARYLAND	431	9,068	57,642	57	0.63	
MARYLAND	707	4,814	18,655	13	0.27	MICHIGAN	201	3,827	52,164	24	0.63	
MICHIGAN	688	2,105	8,382	9	0.43	MICHIGAN	122	1,098	24,658	15	1.37	
MINNESOTA	564	2,236	10,862	32	1.43	MISSISSIPPI	324	6,415	54,245	61	0.95	
MISSISSIPPI	836	4,327	14,180	51	1.18	MISSOURI	46	1,142	8,457	1	0.70	
MISSOURI	1,141	1,490	3,578	28	1.88	MISSOURI	37	579	42,873	6	1.04	
NEBRASKA	444	1,524	9,404	12	0.79	NEBRASKA	42	633	41,292	8	1.26	
NEVADA	503	1,200	6,536	22	1.83	NEW HAMPSHIRE	42	540	35,225	8	1.48	
NEW HAMPSHIRE	179	1,098	16,806	9	0.82	NEW JERSEY	260	7,570	79,768	53	0.70	
NEW JERSEY	128	1,770	37,885	6	0.34	NEW JERSEY	88	846	26,339	18	2.13	
NEW MEXICO	911	2,798	8,415	58	2.07	NEW MEXICO	639	11,969	51,317	99	0.83	
NEW YORK	857	4,855	15,521	31	0.64	NEW YORK	201	2,572	35,058	35	1.36	
NORTH CAROLINA	596	4,669	21,463	40	0.86	NORTH CAROLINA	42	1,439	9,720	2	1.34	
NORTH DAKOTA	529	3,858	6	0.81	NORTH DAKOTA	690	12,168	48,314	90	0.74		
OHIO	870	7,073	22,274	41	0.58	OHIO	203	2,720	36,710	32	1.18	
OKLAHOMA	724	3,323	12,575	38	1.14	OKLAHOMA	132	2,252	46,741	12	0.53	
OREGON	584	2,879	13,506	35	1.22	OREGON	356	5,739	43,676	38	0.66	
PENNSYLVANIA	1,164	6,956	16,372	59	0.85	PENNSYLVANIA	43	823	46,352	13	1.57	
RHODE ISLAND	21	153	19,961	2	1.31	RHODE ISLAND	115	1,532	36,498	17	1.11	
SOUTH CAROLINA	674	4,289	17,434	52	1.21	SOUTH CAROLINA	42	1,170	11,089	0	0.00	
SOUTH DAKOTA	636	1,227	5,286	5	0.41	SOUTH DAKOTA	269	4,243	55	1.30		
TENNESSEE	788	5,441	18,917	53	0.97	TENNESSEE	925	22,419	66,402	293	1.31	
TEXAS	2,256	10,673	12,961	164	1.54	TEXAS	132	1,873	39,000	15	0.80	
UTAH	1,667	6,130	4,875	41	2.46	UTAH	288	6,602	62,804	40	0.61	
VIRGINIA	765	5,313	19,028	40	0.75	VIRGINIA	241	6,213	70,630	29	0.47	
WASHINGTON	508	3,052	16,460	26	0.85	WASHINGTON	90	7,788	23,988	9	1.14	
WEST VIRGINIA	389	1,797	12,656	14	0.78	WEST VIRGINIA	112	2,018	49,364	2	0.10	
WISCONSIN	466	2,728	16,039	15	0.55	WISCONSIN	50	7,945	6,211	6.21		
WYOMING	864	1,430	4,534	27	1.89	WYOMING	145	1,145	1,745	9	0.83	
SUBTOTAL	30,549	146,236	13,115	1,673	1.14	SUBTOTAL	9,954	209,964	57,790	1,749	0.83	
INCOMPLETE DATA						INCOMPLETE DATA						
FLORIDA						FLORIDA						
INDIANA						INDIANA						
MASSACHUSETTS						MASSACHUSETTS						
VERMONT						VERMONT						

1/ FATAL ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 3-B. FATAL ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1986

OTHER FEDERAL-AID PRIMARY HIGHWAYS

STATE	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	RURAL		STATE		URBAN		FATAL ACCIDENTS		
			DAILY VEHICLE MILES PER MILE	FATAL ACCIDENTS NUMBER	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NUMBER	RATE $\frac{1}{M}$		
COMPLETE DATA					COMPLETE DATA		COMPLETE DATA				
ALABAMA	5,841	7,075	3,319	135	1,91		4,315	13,875	31	0.72	
ALASKA	1,011	446	1,209	7	1,57		189	16,182	4	2.12	
ARIZONA	3,685	3,304	155	4,60		265	1,297	13,409	57	4.35	
ARKANSAS	4,714	4,897	2,846	166	3,39		1,630	10,622	34	1.86	
CALIFORNIA	9,576	19,220	5,499	739	3,84		31,312	57,865	335	2.03	
COLORADO	3,877	3,851	2,721	94	2,44		2,913	18,180	59	2.03	
CONNECTICUT	689	1,970	7,933	43	2,18	CONNECTICUT	582	4,029	78	1.94	
DELAWARE	334	1,560	1,296	34	2,18	DELAWARE	98	849	23,735	9	1.05
OIST. OF COL.	-	-	-	-	-	GEORGIA	1,470	8,539	15,915	190	2.23
GEORGIA	8,600	10,098	7,016	351	3,48	HAWAII	124	1,395	10,822	14	1.00
HAWAII	3,387	991	3,217	28	2,83	IDAHO	46	192	11,35	1	0.52
IDAHO	2,619	1,768	1,849	64	3,62	ILLINOIS	1,920	12,506	17,845	268	2.14
ILLINOIS	7,850	8,895	3,104	262	2,95	ILLINOIS	707	2,226	8,726	322	1.44
IDAHO	8,133	6,019	2,028	143	2,38	KANSAS	339	1,475	11,921	256	1.75
KANSAS	7,734	7,217	1,848	152	2,91	KENTUCKY	473	2,843	16,467	38	1.34
KENTUCKY	3,305	5,190	4,302	153	2,95	Louisiana	485	3,445	19,461	68	1.97
LOUISIANA	2,661	4,620	4,757	184	3,98	MAINE	183	782	11,707	17	2.19
MAINE	1,825	2,724	4,089	52	1,91	MARYLAND	544	4,995	25,156	109	2.18
MARYLAND	1,650	5,614	9,322	146	2,60	MICHIGAN	1,003	12,281	33,546	106	0.86
MICHIGAN	6,227	11,478	5,111	248	2,16	MINNESOTA	584	3,553	15,261	38	1.17
MINNESOTA	8,729	7,188	2,256	137	1,91	MISSISSIPPI	352	1,532	11,924	44	2.87
MISSISSIPPI	5,370	5,068	2,586	254	5,01	MISSOURI	537	3,907	19,333	68	1.74
MISSOURI	6,273	7,923	3,460	273	3,45	MONTANA	108	372	9,437	10	2.69
MONTANA	5,355	2,299	1,176	83	3,61	NEBRASKA	262	1,269	13,270	22	1.73
NEBRASKA	6,933	3,818	1,818	95	2,49	NEVADA	58	511	24,138	4	0.78
NEVADA	1,788	1,148	1,759	50	4,36	NEW HAMPSHIRE	171	891	14,275	106	1.35
NEW HAMPSHIRE	961	1,939	5,528	37	2,16	NEW JERSEY	649	6,480	27,355	157	2.42
NEW JERSEY	821	3,308	11,039	100	3,02	NEW MEXICO	190	863	12,444	25	2.90
NEW MEXICO	3,366	2,798	2,277	107	3,82	NEW YORK	2,009	21,192	28,900	298	1.41
NEW YORK	6,455	6,455	4,194	276	2,80	NORTH CAROLINA	658	5,279	21,380	74	1.40
NORTH CAROLINA	3,845	8,311	5,222	241	2,30	NORTH DAKOTA	129	425	9,026	9	2.12
NORTH DAKOTA	5,406	1,738	881	33	1,90	OHIO	1,587	7,693	13,281	133	1.73
OHIO	5,046	9,142	4,965	214	2,34	OKLAHOMA	432	2,010	12,747	41	2.04
OKLAHOMA	4,874	5,142	4,965	147	2,69	OREGON	400	2,600	17,808	32	1.23
OREGON	4,653	5,466	3,072	187	3,16	PENNSYLVANIA	2,140	18,652	23,879	295	1.58
PENNSYLVANIA	7,773	14,975	12,23	435	2,99	RHODE ISLAND	235	312	3,637	17	5.45
RHODE ISLAND	161	14,532	5,122	161	4,31	SOUTH DAKOTA	713	4,127	15,858	58	1.41
SOUTH CAROLINA	4,958	7,097	5,531	263	3,71	SOUTH DAKOTA	110	437	10,884	2	0.46
SOUTH DAKOTA	5,691	2,163	1,041	53	2,45	TENNESSEE	884	5,817	18,028	129	2.22
TENNESSEE	5,227	7,677	4,124	285	3,71	TEXAS	1,847	16,744	24,837	274	1.64
TEXAS	14,859	21,065	3,084	543	2,58	UTAH	102	500	13,430	9	1.80
UTAH	2,522	1,750	1,123	62	3,35	VIRGINIA	605	4,386	19,409	74	1.73
VIRGINIA	4,755	9,395	5,413	297	3,16	WASHINGTON	645	4,413	18,745	51	1.16
WASHINGTON	4,394	5,074	3,164	138	2,72	WEST VIRGINIA	193	950	13,486	22	2.32
WEST VIRGINIA	2,258	3,190	3,871	139	4,36	WISCONSIN	935	5,032	14,745	42	0.83
WISCONSIN	8,249	10,619	3,527	245	2,31	WYOMING	127	407	8,780	7	1.72
WYOMING	2,854	1,438	1,380	47	3,27	SUBTOTAL		28,188	217,567	3,423	1.57
INCOMPLETE DATA	214,331	264,159	3,377	7,911	2,99	INCOMPLETE DATA					
FLORIDA						DIST. OF COL.					
INDIANA						FLORIDA					
MASSACHUSETTS						INDIANA					
VERMONT						MASSACHUSETTS					

$\frac{1}{M}$ FATAL ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 3-C. FATAL ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1986
FEDERAL-AID URBAN HIGHWAYS

STATE	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	ARTERIAL		STATE	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	COLLECTOR		FATAL ACCIDENTS NUMBER	RATE 1/
				FATAL ACCIDENTS NUMBER	RATE 1/				DAILY VEHICLE MILES PER MILE	VEHICLE MILES PER MILE		
COMPLETE DATA				45	1.19	COMPLETE DATA	1,230	1,299	2,893	66	5.08	
ALABAMA	1,515	3,775	6,827	6	1.19	ALASKA	156	188	3,302	5	2.66	
ALASKA	79	504	17,479	261	5.55	ARIZONA	929	5,365	7	0.75		
ARIZONA	2,377	4,704	5,422	45	2.92	ARKANSAS	714	1,513	4	2.52		
ARKANSAS	833	1,543	5,075	1,706	2.89	CALIFORNIA	4,780	5,725	3,281	2.53		
CALIFORNIA	12,319	58,986	13,118	1,95	1.65	COLORADO	551	4,455	2,262	1.98		
COLORADO	1,733	5,760	9,106	89	2.13	CONNECTICUT	1,726	1,984	3,149	51	2.57	
CONNECTICUT	1,232	4,185	9,307	18	2.56	DELAWARE	148	5,442	7	2.38		
DELAWARE	157	704	12,285	189	2.86	GEORGIA	1,826	2,289	3,434	67	2.93	
GEORGIA	2,142	6,612	8,457	24	2.91	HAWAII	178	424	6,526	6	1.42	
HAWAII	140	825	16,145	17	1.44	IDAHO	283	220	2,130	2	1.91	
IDAHO	442	1,178	7,302	268	1.86	ILLINOIS	3,079	5,998	5,337	100	1.67	
ILLINOIS	3,623	14,415	10,901	25	1.07	IOWA	965	633	1,797	8	1.26	
IDAHO	1,084	2,340	4,431	31	1.10	KANSAS	484	306	1,732	2	0.65	
KANSAS	1,084	2,805	7,100	62	1.67	KENTUCKY	761	1,191	2,288	17	1.43	
KENTUCKY	1,090	3,703	9,308	94	2.39	Louisiana	763	1,896	3,217	38	4.24	
Louisiana	1,322	3,935	8,155	3	0.30	MAINE	360	341	2,595	1	0.29	
MAINE	347	984	7,769	146	1.82	MARYLAND	686	1,377	4,999	38	2.76	
MARYLAND	4,438	8,011	10,263	379	2.42	MICHIGAN	1,153	2,069	4,916	37	1.79	
MICHIGAN	4,257	15,657	10,077	44	0.77	MINNESOTA	640	696	2,979	5	0.72	
MINNESOTA	1,552	10,052	5,576	47	2.37	MISSISSIPPI	749	627	2,293	15	2.39	
MISSISSIPPI	1,942	1,986	5,576	143	2.03	MISSOURI	55	614	3,053	7	1.14	
MISSOURI	1,805	7,050	10,701	6,167	1.92	MONTANA	91	87	2,619	2	2.30	
MONTANA	231	520	8,935	10	1.92	NEBRASKA	404	441	2,991	2	0.45	
NEBRASKA	649	1,811	7,645	24	1.33	NEVADA	92	503	5,003	0.60	6.60	
NEVADA	465	2,227	13,121	55	2.47	NEW HAMPSHIRE	337	303	2,463	9	2.97	
NEW HAMPSHIRE	385	7,986	7,017	14	1.42	NEW JERSEY	1,808	2,958	4,482	55	1.86	
NEW JERSEY	3,539	14,505	11,230	341	2.35	NEW MEXICO	1,143	280	5,364	15	3.36	
NEW MEXICO	463	1,997	11,817	62	3.10	NEW YORK	3,529	4,831	3,751	74	1.53	
NEW YORK	5,173	20,730	10,979	591	2.85	NORTH CAROLINA	305	352	3,162	10	2.84	
NORTH CAROLINA	2,353	9,323	10,855	164	1.76	NORTH DAKOTA	203	173	2,335	0.58	1.54	
NORTH DAKOTA	260	432	4,552	3	0.69	OHIO	4,108	3,786	2,525	115	3.04	
OHIO	3,617	10,354	7,843	237	2.29	OKLAHOMA	741	664	2,455	113	1.96	
OKLAHOMA	2,237	6,188	7,579	67	1.08	OREGON	916	981	2,934	11	1.12	
OREGON	1,067	3,126	8,027	94	3.01	PENNSYLVANIA	3,150	4,293	7,734	40	0.93	
PENNSYLVANIA	3,833	8,744	6,250	225	2.57	RHODE ISLAND	446	249	1,530	9	3.61	
RHODE ISLAND	493	2,075	11,531	36	1.73	SOUTH CAROLINA	532	770	3,965	26	3.38	
SOUTH CAROLINA	627	2,354	10,125	68	2.89	SOUTH DAKOTA	99	65	1,799	1	1.54	
SOUTH DAKOTA	280	351	3,434	4	1.14	TENNESSEE	1,759	2,031	3,163	63	3.10	
TENNESSEE	1,325	5,105	10,556	133	2.61	TEXAS	1,549	1,624	2,872	0.00	0.00	
TEXAS	6,025	22,174	10,538	281	1.21	UTAH	387	770	5,451	13	1.69	
UTAH	533	2,711	13,935	58	2.14	VIRGINIA	1,337	1,790	3,668	36	2.01	
VIRGINIA	2,010	9,706	13,230	163	1.68	WASHINGTON	1,682	2,078	3,835	41	1.97	
WASHINGTON	2,216	8,176	10,108	134	1.64	WEST VIRGINIA	400	468	3,205	5	1.07	
WEST VIRGINIA	2,385	1,156	8,226	19	1.64	WISCONSIN	810	689	2,330	7	1.02	
WISCONSIN	2,061	5,501	7,313	73	1.33	WYOMING	270	196	1,989	4	2.04	
WYOMING	241	407	4,627	9	2.21	SUBTOTAL	47,169	58,761	3,413	2,03	1.190	
SUBTOTAL	82,354	297,020	9,881	6,602	2.22	INCOMPLETE DATA LIST OF COL.						
INCOMPLETE DATA LIST OF COL.	FLORIDA	INDIANA	MASSACHUSETTS	VERMONT								

**TABLE 3-D. FATAL ACCIDENTS
BY STATE AND HIGHWAY SYSTEM - 1986
FEDERAL-AID SECONDARY HIGHWAYS**

STATE	COLLECTOR, RURAL				
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATAL ACCIDENTS	
				NUMBER	RATE 1/
COMPLETE DATA					
ALABAMA	11,405	4,045	972	108	2.67
ALASKA	1,851	470	696	13	2.77
ARIZONA	3,299	1,731	1,438	68	3.93
ARKANSAS	7,173	1,502	574	66	4.39
CALIFORNIA	11,088	7,244	1,790	443	6.12
COLORADO	3,411	1,205	968	50	4.15
CONNECTICUT	902	1,167	3,545	34	2.91
DELAWARE	602	547	2,489	21	3.84
DIST. OF COL.	-	-	-	-	-
GEORGIA	13,996	5,325	1,042	195	3.66
HAWAII	450	414	2,521	17	4.11
IDAHO	4,191	977	639	38	3.89
ILLINOIS	12,938	3,924	831	146	3.72
IOWA	13,490	2,216	450	79	3.56
KANSAS	22,611	2,454	297	72	2.93
KENTUCKY	7,252	4,351	1,644	189	4.34
LOUISIANA	7,351	4,732	1,764	216	4.56
MAINE	2,730	1,507	1,512	31	2.06
MARYLAND	1,894	1,885	2,727	83	4.40
MICHIGAN	16,986	7,336	1,183	303	4.13
MINNESOTA	16,640	3,446	567	98	2.84
MISSISSIPPI	11,726	2,957	691	135	4.57
MISSOURI	18,206	4,530	682	204	4.50
MONTANA	4,691	456	266	25	5.48
NEBRASKA	11,434	1,160	278	29	2.50
NEVADA	2,315	813	962	22	2.71
NEW HAMPSHIRE	1,230	867	1,931	31	3.58
NEW JERSEY	1,722	2,923	4,651	81	2.77
NEW MEXICO	3,951	1,262	875	64	5.07
NEW YORK	6,306	4,978	2,163	156	3.13
NORTH CAROLINA	10,297	9,921	2,640	368	3.71
NORTH DAKOTA	10,535	742	193	17	2.29
OHIO	11,610	8,246	1,946	245	2.97
OKLAHOMA	11,178	3,579	877	86	2.40
OREGON	7,791	1,861	654	91	4.89
PENNSYLVANIA	8,039	5,463	1,862	204	3.73
RHODE ISLAND	197	116	1,613	4	3.45
SOUTH CAROLINA	8,517	4,047	1,302	222	5.49
SOUTH DAKOTA	10,993	769	192	23	2.99
TENNESSEE	5,471	2,708	1,356	130	4.80
TEXAS	32,623	13,480	1,132	496	3.68
UTAH	2,604	685	721	26	3.80
VIRGINIA	10,206	5,739	1,541	186	3.24
WASHINGTON	7,205	4,407	1,676	96	2.18
WEST VIRGINIA	6,360	3,439	1,481	118	3.43
WISCONSIN	12,409	3,436	759	100	2.91
WYOMING	2,293	409	489	17	4.16
SUBTOTAL	380,169	145,471	1,048	5,446	3.74
INCOMPLETE DATA					
FLORIDA					
INDIANA					
MASSACHUSETTS					
VERMONT					

1/ FATAL ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 3-E. FATAL ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1986
NONFEDERAL-AID ARTERIAL HIGHWAYS

STATE	HIGHWAY MILES	RURAL		STATE		URBAN		FATAL ACCIDENTS	
		VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATAL ACCIDENTS		HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NUMBER
				HIGHWAY MILES	RATE $\frac{1}{M}$				
COMPLETE DATA	1	1	2.740	0	0.00	222	474	5.850	6
ALABAMA	-	-	3.062	-	-	1	1	2.740	0
ALASKA	17	19	1.468	1	5.26	26	96	10.116	0
ARIZONA	362	194	1.468	8	4.12	411	465	3.100	15
ARKANSAS	16	16	2.740	4	25.00	1,287	3,338	7.106	91
CALIFORNIA	15	2	1.996	0	9.00	227	203	13.565	2
COLORADO	20	6.088	1	5.00	5.00	4	685	1	0.99
CONNECTICUT	1	1	2.740	0	0.00	1	13	3.338	0
DELAWARE	-	-	-	-	-	1	12	16.438	0
OIST. OF COL.	-	-	-	-	-	2	54	10.479	1
GEORGIA	-	-	-	-	-	54	108	9.110	1
HAWAII	10	19	5.205	0	0.00	40	133	9.110	0.75
IDAHO	1	1	2.740	0	0.00	9	4	1.218	0
ILLINOIS	-	-	-	-	-	215	658	8.385	13
INDIANA	-	-	-	-	-	-	-	-	1.98
IOWA	-	-	-	-	-	-	-	-	-
KANSAS	48	68	3.881	1	1.47	LOUISIANA	292	602	5.648
KENTUCKY	-	-	-	-	-	MARYLAND	14	80	10.556
LOUISIANA	9	23	7.002	7	30.43	MICHIGAN	9	34	5
MAINE	40	140	9.389	3	2.14	MINNESOTA	807	453	1.538
MARYLAND	-	-	-	-	-	MISSISSIPPI	-	-	5
MASSACHUSETTS	-	-	-	-	-	MISSOURI	33	10	0.00
MICHIGAN	-	-	-	-	-	MONTANA	535	1,463	17
MINNESOTA	250	54	592	2	3.70	NEBRASKA	36	60	4.566
MISSISSIPPI	2	1	1.70	0	0.00	NEW HAMPSHIRE	-	-	-
MISSOURI	51	19	1.021	1	5.26	NEW JERSEY	25	100	10.953
NEBRASKA	-	-	-	-	-	NEW MEXICO	266	3,018	31.085
NEVADA	-	-	-	-	-	NEW YORK	51	79	4.244
NEW HAMPSHIRE	23	134	15.962	1	0.75	NORTH CAROLINA	118	640	14.860
NEW JERSEY	113	816	19.784	15	1.84	NORTH DAKOTA	988	2,221	6,159
NEW MEXICO	-	-	-	-	-	OHIO	5	1	548
NEW YORK	-	-	-	-	-	OKLAHOMA	4	3	2.055
NORTH CAROLINA	249	125	1.375	0	0.00	OREGON	167	110	1.805
NORTH DAKOTA	2	1	1.370	0	0.00	PENNSYLVANIA	69	179	7,107
OKLAHOMA	-	-	-	-	-	RHODE ISLAND	-	-	0
TEXAS	223	305	3.747	2	0.66	SOUTH CAROLINA	260	594	6,259
OREGON	185	122	1.807	5	4.10	SOUTH DAKOTA	10	37	10,137
PENNSYLVANIA	-	-	-	-	-	TENNESSEE	1,926	5,800	8,250
RHODE ISLAND	-	-	-	-	-	TEXAS	41	34	2,222
SOUTH CAROLINA	14	8	1.566	0	0.00	UTAH	-	-	-
TEXAS	1	1	2.740	0	0.00	VERMONT	-	-	0
UTAH	3	8	7.306	2	25.00	VIRGINIA	124	680	15,024
VERMONT	-	-	-	-	-	WASHINGTON	11	8	0
VIRGINIA	310	303	2.678	0	0.00	WEST VIRGINIA	-	-	0.00
WASHINGTON	-	-	-	-	-	WISCONSIN	128	322	6,892
WEST VIRGINIA	1	1	2.740	0	0.00	WYOMING	3	5	4,356
WISCONSIN	248	108	1.193	1	0.93	SUBTOTAL	8,290	22,141	7,317
WYOMING	-	-	-	-	-	INCOMPLETE DATA	1	0	381
SUBTOTAL	2,194	2,510	3,134	54	2.15	OIST. OF COL.	1	0	1.72
INCOMPLETE DATA	FLORIDA	2,194	2,510	3,134	54	INDIANA	1	0	0.00
FLORIDA	MASSACHUSETTS	-	-	-	-	MASSACHUSETTS	-	-	-

$\frac{1}{M}$ FATAL ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 3-F. FATAL ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1986

NONFEDERAL-AID COLLECTOR HIGHWAYS

STATE	HIGHWAY MILES	RURAL			URBAN			FATAL ACCIDENTS NUMBER	RATE $\frac{1}{M}$		
		FATAL ACCIDENTS		STATE	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE				
		NUMBER	RATE $\frac{1}{M}$								
COMPLETE DATA				COMPLETE DATA							
ALABAMA	7,010	1,030	403	36	3.50	481	2,840	25	5.20		
ALASKA	881	155	482	2	1.29	63	3,196	2	3.17		
ARIZONA	4,328	770	487	29	3.77	570	4,110	7	1.23		
ARKANSAS	11,794	1,650	383	73	4.42	380	2,96	6	2.03		
CALIFORNIA	11,693	3,028	709	193	6.37	704	2,627	68	2.21		
COLORADO	15,976	1,591	273	46	2.89	613	3,083	3,215	11	2.14	
CONNECTICUT	1,193	524	1,203	11	2.10	614	2,297	12	3.64		
DELAWARE	—	65	1,127	4	6.15	220	3,006	9	5.26		
OIST. OF COL.	—	—	—	—	—	22	1,366	1	0.00		
GEORGIA	7,300	783	294	22	2.81	1	2,740	0	0.00		
HAWAII	1,156	176	3,091	0	0.00	4	9	6,164	0	0.00	
IDAHO	4,661	450	265	4	0.89	106	82	2,119	2	4.44	
ILLINOIS	16,392	1,882	1,194	670	53	191	1,85	2,654	1	0.54	
IAWA	9,404	652	622	111	4.44	194	40	1,501	0	0.00	
KANSAS	9,352	1,728	506	27	4.08	295	331	3,074	5	1.51	
KENTUCKY	4,298	1,322	843	92	2.96	130	104	2,192	1	0.96	
LOUISIANA	9,280	840	821	41	3.10	354	366	2,833	0	0.00	
MAINE	1,898	721	1,041	17	2.02	32	19	1,627	4	21.05	
MARYLAND	7,895	1,490	517	27	3.74	491	590	3,292	13	2.20	
MICHIGAN	11,875	1,015	234	34	2.95	1,609	1,379	2,348	16	1.16	
MINNESOTA	12,941	2,755	256	12	4.36	1,227	1,705	3,107	25	1.47	
MISSISSIPPI	5,456	361	181	16	4.43	838	960	3,139	13	1.35	
MISSOURI	11,345	714	172	8	1.12	120	61	1,393	1	1.64	
MONTANA	9,249	2,802	283	84	3.00	—	—	—	—	—	
NEBRASKA	2,465	134	149	9	6.72	339	374	3,023	8	2.14	
NEVADA	1,244	333	1,973	7	2.10	NEW HAMPSHIRE	7	3	0.00	0.00	
NEW HAMPSHIRE	1,267	927	1,244	23	2.48	NEW JERSEY	95	156	4,499	4	
NEW JERSEY	2,559	251	269	19	2.57	NEW MEXICO	96	79	2,255	1	
NEW MEXICO	10,805	4,408	1,118	120	7.57	NEW YORK	386	201	1,427	1	
NEW YORK	9,342	3,443	1,004	161	4.70	NORTH CAROLINA	1,037	782	2,066	14	
NORTH CAROLINA	8,053	231	79	7	3.03	NORTH DAKOTA	29	15	1,417	0	
OHIO	7,324	2,200	823	64	2.91	OHIO	—	—	—	0.00	
OKLAHOMA	13,319	1,403	289	7	0.50	OKLAHOMA	462	284	1,684	5	
OREGON	9,040	1,103	346	15	1.31	OREGON	197	201	2,795	4	
PENNSYLVANIA	8,673	2,437	770	83	3.41	PENNSYLVANIA	—	—	—	—	
RHOE ISLAND	143	51	977	3	5.88	RHOE ISLAND	—	—	—	—	
SOUTH CAROLINA	4,015	607	414	30	4.94	SOUTH CAROLINA	624	379	1,664	6	
SOUTH DAKOTA	7,336	161	60	9	5.59	SOUTH DAKOTA	52	64	3,372	0	
TENNESSEE	10,770	1,937	493	84	4.34	TENNESSEE	5	1	548	0	
TEXAS	20,612	2,339	311	68	2.91	TEXAS	3,902	4,621	3,245	49	
UTAH	4,736	2,437	233	14	6.01	UTAH	91	41	1,534	1	
VIRGINIA	2,402	406	463	17	4.19	VIRGINIA	—	—	—	—	
WASHINGTON	6,522	1,304	548	44	3.37	WASHINGTON	27	8	812	0	
WEST VIRGINIA	2,173	336	424	12	3.57	WEST VIRGINIA	3	5	4,566	0	
WISCONSIN	7,236	923	349	34	3.68	WISCONSIN	545	459	2,307	3	
WYOMING	7,583	416	150	13	3.13	WYOMING	18	12	1,826	0	
SUBTOTAL	310,580	46,700	412	1,652	3.54	SUBTOTAL	18,440	18,764	2,788	305	
INCOMPLETE DATA						INCOMPLETE DATA					
FLORIDA						LIST OF COL.					
INDIANA						FLORIDA					
MASSACHUSETTS						INDIANA					
VERMONT						MASSACHUSETTS					

 $\frac{1}{M}$ FATAL ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 3-G. FATAL ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1986

NONFEDERAL-AID LOCAL HIGHWAYS

STATE	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	RURAL		URBAN		FATAL ACCIDENTS NUMBER	FATAL ACCIDENTS RATE /MILE		
			FATAL ACCIDENTS		HIGHWAY MILES (MILLIONS)	VEHICLE MILES (MILLIONS)				
			NUMBER	RATE /MILE						
COMPLETE DATA					COMPLETE DATA					
ALABAMA	48,459	3,024	171	267	8,83	10,101	576	7.67		
ALASKA	7,146	404	155	12	2,97	1,339	446	0.90		
ARIZONA	54,715	1,613	81	136	8,73	6,247	576	3.45		
ARKANSAS	44,971	1,045	64	59	5,65	4,786	611	2.29		
CALIFORNIA	73,912	7,337	272	222	3,03	43,913	23,438	1.4		
COLORADO	41,375	780	52	22	2,02	7,587	1,462	1.22		
CONNECTICUT	6,029	865	393	22	2,54	2,224	1,196	2.6		
DELAWARE	2,695	427	434	18	4,22	6,757	1,833	3.2		
OIST. OF COL.	-	-	-	-	-	1,072	1,165	0.44		
GEORGIA	55,975	2,820	138	81	2,87	14,054	4,025	2.88		
HAWAII	1,650	484	804	10	10	902	1,264	7		
IDAHO	57,154	1,026	49	53	5,7	1,382	3,839	0.55		
ILLINOIS	76,207	3,113	118	85	2,57	21,755	6,784	4		
IOWA	65,205	1,438	60	39	2,71	5,293	1,113	2.74		
KANSAS	83,473	1,225	40	55	4,49	6,135	1,681	1.12		
KENTUCKY	41,575	1,894	125	89	4,70	4,316	1,740	2.4		
LOUISIANA	31,169	2,037	179	80	3,93	8,814	8,892	2.69		
MAINE	11,485	864	199	28	3,2	1,335	207	3.95		
MARYLAND	10,125	1,098	289	51	4,64	8,14	1,698	1.3		
MICHIGAN	58,866	2,111	112	124	5,14	17,975	3,515	3.74		
MINNESOTA	80,750	2,324	79	69	2,97	9,758	2,553	2.2		
MISSISSIPPI	43,947	2,164	135	75	3,47	4,820	1,218	2.2		
MISSOURI	73,584	2,955	110	71	2,40	10,051	1,065	2.27		
ONTARIO	46,425	1,769	45	21	2,73	1,665	748	1.23		
NEBRASKA	59,201	1,173	54	46	3,2	3,986	572	4.37		
NEVADA	34,126	268	22	9	3,36	2,220	410	1.1		
NEW HAMPSHIRE	8,499	488	157	26	5,33	2,133	506	2.68		
NEW JERSEY	7,563	847	307	31	3,66	15,789	4,554	5.58		
NEW MEXICO	37,599	764	56	46	6,02	1,779	1,757	2.0		
NEW YORK	48,117	3,162	218	129	3,34	25,361	7,959	2.33		
NORTH CAROLINA	51,254	2,653	137	263	10,26	12,005	3,225	2.42		
NORTH DAKOTA	59,954	722	33	9	1,25	1,026	258	0.27		
OHIO	57,500	9,067	432	149	1,64	20,933	11,116	1.39		
OKLAHOMA	68,277	1,756	70	113	6,4	8,664	1,025	2.15		
OREGON	63,125	1,337	62	34	2,37	5,019	985	0.58		
PENNSYLVANIA	60,446	5,21	244	133	2,05	19,985	5,399	2.44		
RHODE ISLAND	1,098	3,00	749	4	1,33	3,054	1,019	3.67		
SOUTH CAROLINA	35,818	1,856	142	149	8,03	6,133	598	1.28		
SOUTH DAKOTA	47,073	543	32	16	2,95	1,332	243	2.83		
TENNESSEE	47,125	1,548	90	101	6,32	10,227	3,012	2.06		
TEXAS	142,108	4,311	83	352	8,17	22,950	1,056	2.29		
UTAH	34,035	1,437	62	17	3,41	4,010	1,471	2.4		
VIRGINIA	33,040	2,919	40	103	3,53	9,960	4,587	1.67		
WASHINGTON	46,410	502	30	46	9,16	10,017	758	4.3		
WEST VIRGINIA	20,993	764	100	43	1,899	4,16	416	7.36		
WISCONSIN	66,234	2,223	92	104	4,68	9,981	4,477	2.5		
WYOMING	23,302	250	29	9	3,60	1,078	1,381	0.56		
SUBTOTAL	2,072,989	86,399	114	3,621	4.19	434,841	145,685	2,770		
INCOMPLETE DATA										
FLORIDA										
INDIANA										
MASSACHUSETTS										
VERMONT										

J FATAL ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 4-A. NONFATAL INJURY ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1986

FEDERAL-AID INTERSTATE HIGHWAYS

STATE	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	RURAL		URBAN		NONFATAL INJURY ACCIDENTS NUMBER	RATE ^{1/}
			STATE		HIGHWAY MILES	VEHICLE MILES (MILLIONS)		
			DAILY VEHICLE MILES PER MILE	NONFATAL INJURY ACCIDENTS NUMBER	RATE ^{1/}	DAILY VEHICLE MILES PER MILE		
COMPLETE DATA								
ALABAMA	621	3,379	14.907	630	18.64	2,981	774	25.96
ALASKA	1,047	700	1,832	257	51.0	258	268	60.63
ARIZONA	1,044	4,309	11,308	799	18.54	1,925	824	42.81
ARKANSAS	419	2,064	13,496	217	20.17	45,077	284	42.81
CALIFORNIA	1,416	10,504	20,324	2,542	24.20	28,934	262	32.28
COLORADO	760	2,810	10,130	944	33.59	41,482	116,803	13,389
CONNECTICUT	108	1,225	31,076	391	31.92	164	5,273	1,992
DELAWARE	-	-	-	-	-	232	5,828	60.86
DIST. OF COLUMBIA	-	-	-	-	-	41	68,824	49.91
GEORGIA	891	6,918	21,272	1,093	15.10	41	2,909	30.15
HAWAII	5	70	38,356	105	150.0	32	6,610	4.253
IDAH0	534	1,222	6,270	338	27.6	71	888	48.94
ILLINOIS	1,306	5,968	12,320	1,225	20.53	487	10,829	61.71
INDIANA	653	2,647	11,106	410	15.19	131	60,921	29.68
KANSAS	656	1,865	7,789	411	22.14	164	1,075	29.68
KENTUCKY	579	3,881	18,364	638	16.14	163	2,273	27.72
Louisiana	532	3,555	18,308	927	26.08	179	6,765	58.12
MAINE	276	1,229	12,200	388	31.57	39	305	64.59
MARYLAND	165	2,258	37,493	646	28.61	224	9,068	32.25
MICHIGAN	707	4,814	18,655	2,460	51.10	431	5,707	47.02
MINNESOTA	688	2,105	8,382	227	10.38	201	3,827	34.31
MISSISSIPPI	564	2,236	10,862	302	13.51	122	1,098	27.23
MONTANA	1,141	1,490	3,578	375	26.27	46	142	8,457
NEBRASKA	444	1,524	9,404	230	25.11	37	52,590	26.10
NEVADA	503	1,200	6,535	382	31.83	42	4,873	34.88
NEW HAMPSHIRE	179	1,098	16,806	184	16.16	42	633	93.00
NEW JERSEY	128	1,770	37,885	231	13.05	260	540	35.22
NEW MEXICO	911	2,798	8,415	767	27.41	88	7,570	44.80
NEW YORK	857	4,855	15,521	2,409	49.49	639	846	74.23
NORTH CAROLINA	596	4,669	21,663	1,158	24.80	201	2,572	62.28
NORTH DAKOTA	529	745	3,859	146	19.00	42	11,963	51.31
OHIO	870	7,073	22,774	1,272	17.18	630	12,168	57.57
OKLAHOMA	724	3,323	12,575	427	12.85	203	7,720	50.15
OREGON	584	2,879	13,506	546	18.96	132	2,252	1,364
PENNSYLVANIA	1,164	6,956	16,372	1,915	27.53	360	5,739	46,741
RHOODE ISLAND	21	153	19,961	22	14.38	49	4,676	48.36
SOUTH CAROLINA	674	4,289	17,334	408	19.11	115	3,827	44.92
SOUTH DAKOTA	636	1,227	5,286	234	20.77	132	39,000	2,228
TENNESSEE	788	5,441	18,917	928	17.06	132	6,602	33.77
TEXAS	2,256	10,673	12,961	2,541	32.13	288	6,602	64.17
UTAH	745	1,667	6,330	544	24.42	241	1,532	48.21
VIRGINIA	765	5,313	19,028	1,292	16,42	115	36,498	49.69
WASHINGTON	508	3,052	16,460	786	25.75	42	11,089	35.88
WEST VIRGINIA	389	2,064	12,656	366	20.37	269	4,243	21.07
WISCONSIN	466	2,728	16,039	560	20.53	925	22,419	73.50
WYOMING	864	1,430	4,334	531	37.13	50	145	54.48
SUBTOTAL	29,713	141,909	13,085	33,304	23.47	9,630	203,549	47.53
INCOMPLETE DATA								
FLORIDA								
INDIANA								
MASSACHUSETTS								
MISSOURI								
VERMONT								
INCOMPLETE DATA								
FLORIDA								
INDIANA								
MASSACHUSETTS								
MISSOURI								
VERMONT								

1/ NONFATAL INJURY ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 4-B. NONFATAL INJURY ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1986
OTHER FEDERAL-AID PRIMARY HIGHWAYS

STATE	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	RURAL		STATE		URBAN	
			DAILY VEHICLE MILES PER MILE	NONFATAL INJURY ACCIDENTS NUMBER	RATE λ	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE
COMPLETE DATA	5,841	7,075	3,319	3,740	52.86	852	4,315	13,875
ALABAMA	1,011	446	1,209	1,81	40.58	32	1,189	16,182
ALASKA	3,685	3,368	2,504	1,170	34.7	265	1,297	13,409
ARKANSAS	4,714	4,897	2,846	1,483	30.28	472	1,830	10,622
CALIFORNIA	9,576	19,220	5,499	11,194	58.24	1,492	31,512	57,865
COLORADO	3,877	3,851	2,721	1,983	51.49	439	2,913	18,180
CONNECTICUT	689	1,970	7,833	1,801	91.42	582	4,029	18,966
DELAWARE	334	1,560	12,796	843	54.0	98	849	23,735
DIST. OF COLUMBIA	-	-	-	-	-	1,470	8,539	15,915
GEORGIA	8,600	10,098	3,217	6,699	66.34	124	3,395	11,040
HAWAII	8,387	9,991	7,016	7,765	77.19	46	1,192	1,603
IDAHO	2,619	1,768	1,849	1,088	61.54	1,920	12,505	11,435
ILLINOIS	7,850	8,895	3,104	6,140	69.03	707	17,845	25,796
IORWA	8,133	6,019	2,028	2,605	43.28	339	2,226	8,626
KANSAS	7,734	5,217	1,848	2,176	41.71	473	1,475	11,921
KENTUCKY	3,305	5,190	4,302	3,573	68.84	485	3,445	16,461
LOUISIANA	2,661	4,620	4,757	3,114	67.40	183	782	11,707
MAINE	1,825	2,724	4,089	1,964	72.10	544	4,995	25,156
MARYLAND	5,614	9,322	4,407	78.50	51.50	1,003	12,281	33,546
MICHIGAN	6,275	11,478	5,011	12,854	111.99	584	1,253	15,261
MINNESOTA	8,729	7,186	2,256	3,166	44.5	352	1,532	11,924
MISSISSIPPI	5,370	5,068	2,586	2,500	49.33	108	1,372	9,437
MONTANA	5,355	2,299	1,176	1,224	53.24	262	1,269	13,270
NEBRASKA	6,933	3,818	1,509	1,509	44.16	558	24,138	313
NEVADA	1,650	1,939	5,528	1,068	509	171	891	14,275
NEW HAMPSHIRE	961	6,275	3,306	11,039	102.09	6,480	27,355	12,094
NEW JERSEY	821	7,798	2,277	1,148	3,377	109	863	12,444
NEW MEXICO	3,366	9,851	4,194	21,283	41.03	21	1,192	2,032
NEW YORK	6,435	8,311	5,922	5,177	216.05	655	5,275	21,980
NORTH CAROLINA	3,845	1,738	881	4,965	31.13	129	4,425	9,026
NORTH DAKOTA	5,406	9,142	4,024	6,263	4,965	432	2,010	12,747
OHIO	5,045	5,466	3,072	1,865	34.12	400	2,600	17,808
OKLAHOMA	4,874	4,663	2,923	2,923	3,041	2,140	18,652	23,879
OREGON	4,663	4,975	5,122	12,544	86,32	312	3,637	1,796
PENNSYLVANIA	7,773	14,532	5,531	5,531	201	713	4,127	15,858
RHOODE ISLAND	161	325	7,097	3,922	3,681	1,587	4,37	10,884
SOUTH CAROLINA	4,958	7,097	2,163	1,041	744	34.40	5,817	18,028
SOUTH DAKOTA	5,691	5,227	7,677	5,138	66.93	1,847	16,744	24,837
TENNESSEE	14,859	21,065	14,532	14,532	8,660	1,102	5,000	13,430
TEXAS	2,522	1,611	1,750	9,413	56.73	2,140	19,409	4,286
UTAH	4,755	9,395	5,074	7,122	75.81	645	4,413	18,745
VIRGINIA	4,394	3,194	3,164	3,164	3,161	201	5,110	9,950
WASHINGTON	2,258	10,619	3,190	3,871	117.52	127	5,032	14,745
WEST VIRGINIA	8,249	8,249	10,619	5,511	5,511	127	4,407	8,780
WISCONSIN	2,854	1,438	1,380	1,380	35.40	509	213,660	21,170
WYOMING	2,854	2,854	2,854	2,854	2,854	2,854	2,854	2,854
SUBTOTAL	208,058	256,236	3,374	172,292	67.24	27,651	213,170	261,052
INCOMPLETE DATA FLORIDA INDIANA MASSACHUSETTS MISSOURI VERMONT								
INCOMPLETE DATA OIST. OF COL. FLORIDA INDIANA MASSACHUSETTS MISSOURI VERMONT								
NONFATAL INJURY ACCIDENTS PER 100 MILLION VEHICLE MILES.								

TABLE 4-C. NONFATAL INJURY ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1986
FEDERAL-AID URBAN HIGHWAYS

STATE	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATAL INJURY ACCIDENTS		STATE	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	COLLECTOR	
				NUMBER	RATE λ					NUMBER	RATE λ
COMPLETE DATA											
ALABAMA	1,515	3,775	6,827	4,115	109,01	ALABAMA	1,230	1,239	1,239	2,893	253.12
ALASKA	779	504	17,479	984	195,24	ALASKA	1,156	188	3,302	268	142.55
ARIZONA	2,377	4,404	5,422	11,805	250,58	ARIZONA	714	529	3,565	1,105	119.38
ARKANSAS	833	1,543	5,075	5,584	102,46	ARKANSAS	288	159	1,513	98.74	98.74
CALIFORNIA	12,319	58,986	13,118	106,673	180,84	CALIFORNIA	4,780	5,725	3,281	8,874	155.00
COLORADO	1,733	5,760	9,106	10,322	179,20	COLORADO	551	2,262	556	122.56	122.56
CONNECTICUT	1,232	4,185	9,307	10,497	250,82	CONNECTICUT	1,726	1,584	3,149	6,633	233.52
DELAWARE	157	704	12,285	1,387	197,02	DELAWARE	1,148	1,294	5,442	4,431	146.60
GEORGIA	2,442	6,612	8,457	9,271	140,41	GEORGIA	1,926	2,889	3,434	2,750	120.14
HAWAII	140	825	16,145	1,835	222,42	HAWAII	178	424	6,526	735	173.35
IDAHO	442	1,178	7,302	2,083	162,14	IDAHO	283	220	2,130	322	146.36
ILLINOIS	3,623	14,415	10,901	29,409	204,02	ILLINOIS	3,079	5,998	5,337	11,377	189.66
LOUISIANA	1,447	2,340	4,431	3,704	158,29	LOUISIANA	965	1,797	1,230	194.31	194.31
KANSAS	1,084	2,409	7,100	5,311	189,07	KANSAS	484	306	1,490	160.13	160.13
KENTUCKY	1,090	3,703	9,308	6,838	184,46	KENTUCKY	761	1,191	4,288	1,774	148.35
LOUISIANA	1,322	3,935	8,155	6,759	171,77	LOUISIANA	763	2,157	3,215	180.09	180.09
MAINE	347	984	7,765	2,083	211,69	MAINE	360	341	2,595	630	184.75
MARYLAND	1,438	8,011	15,263	15,929	198,96	MARYLAND	686	1,377	5,499	2,870	208.42
MICHIGAN	4,557	15,077	15,704	49,420	149,56	MICHIGAN	1,153	2,069	4,916	1,925	93.93
MINNESOTA	1,552	5,694	10,052	8,525	149,72	MINNESOTA	640	696	2,979	996	143.10
MISSISSIPPI	942	1,986	5,776	2,886	145,42	MISSISSIPPI	749	627	2,293	963	153.59
MISSOURI	231	520	6,167	324	62,31	MISSOURI	91	87	2,619	115	132.88
NEBRASKA	649	1,811	7,645	4,480	247,38	NEBRASKA	404	404	2,991	1,002	227.21
NEVADA	465	2,227	13,121	5,293	237,67	NEVADA	92	168	5,003	209	124.40
NEW HAMPSHIRE	385	986	7,017	1,772	179,72	NEW HAMPSHIRE	337	303	2,463	543	179.21
NEW JERSEY	3,539	14,506	11,230	43,372	198,59	NEW JERSEY	1,008	2,958	4,482	8,707	259.91
NEW MEXICO	463	1,997	11,817	5,171	258,94	NEW MEXICO	143	280	5,364	363	129.64
NEW YORK	5,173	20,730	10,979	43,004	207,45	NEW YORK	3,522	4,831	3,751	6,252	129.41
NORTH DAKOTA	260	432	4,552	6,68	150,00	NORTH DAKOTA	203	173	2,335	273	157.80
OHIO	3,217	10,454	7,843	25,250	243,87	OHIO	4,108	3,786	2,525	11,162	295.35
OKLAHOMA	2,337	6,188	7,579	7,659	123,77	OKLAHOMA	74	664	7,444	112.05	112.05
OREGON	1,067	3,126	8,027	7,983	255,47	OREGON	916	916	2,934	2,251	229.46
PENNSYLVANIA	3,833	8,744	6,250	17,704	202,47	PENNSYLVANIA	3,150	4,593	3,734	3,181	74.10
RHODE ISLAND	493	2,075	11,531	3,233	155,81	RHODE ISLAND	446	249	1,530	792	318.07
SOUTH CAROLINA	637	2,254	10,125	3,659	155,40	SOUTH CAROLINA	532	770	3,965	1,004	130.39
SOUTH DAKOTA	280	351	3,434	5,504	143,59	SOUTH DAKOTA	99	65	1,799	90	138.46
TENNESSEE	1,325	5,105	10,556	10,195	199,71	TENNESSEE	1,759	2,031	3,163	3,437	169.23
TEXAS	6,025	23,174	10,538	22,233	95,94	TEXAS	1,549	1,624	2,872	158	7,73
UTAH	533	2,711	13,935	5,594	206,34	UTAH	387	770	5,451	1,461	189.74
VIRGINIA	2,010	9,706	13,230	16,902	174,14	VIRGINIA	1,337	1,370	3,668	3,140	175.42
WASHINGTON	2,216	8,176	10,108	9,550	116,81	WASHINGTON	1,582	2,078	3,285	2,853	137.30
WEST VIRGINIA	385	1,156	8,226	2,196	189,37	WEST VIRGINIA	400	468	3,205	344	173.50
WISCONSIN	2,061	5,201	7,313	3,867	70,30	WISCONSIN	810	689	2,330	916	132.35
WYOMING	241	407	4,627	3,668	90,42	WYOMING	270	196	1,989	213	108.67
SUBTOTAL	78,196	280,647	9,833	490,508	174,78	SUBTOTAL	46,313	57,795	3,419	94,835	164.09
INCOMPLETE DATA 01ST. OF COL.											
FLORIDA											
INDIANA											
MASSACHUSETTS											
MISSOURI											
NORTH CAROLINA											
VERMONT											
NONFATAL INJURY ACCIDENTS PER 100 MILLION VEHICLE MILES.											

**TABLE 4-D. NONFATAL INJURY ACCIDENTS
BY STATE AND HIGHWAY SYSTEM - 1986**
FEDERAL-AID SECONDARY HIGHWAYS

STATE	COLLECTOR, RURAL				
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATAL INJURY ACCIDENTS	
				NUMBER	RATE ^{1/}
COMPLETE DATA					
ALABAMA	11,405	4,045	972	1,433	35.43
ALASKA	1,851	470	696	306	65.11
ARIZONA	3,299	1,731	1,438	817	47.20
ARKANSAS	7,173	1,502	574	694	46.21
CALIFORNIA	11,088	7,244	1,790	17,221	237.73
COLORADO	3,411	1,205	968	926	76.85
CONNECTICUT	902	1,167	3,545	1,366	117.05
DELAWARE	602	547	2,489	492	89.95
DIST. OF COL.	-	-	-	-	-
GEORGIA	13,996	5,325	1,042	5,015	94.18
HAWAII	450	414	2,521	350	84.54
IDAHO	4,191	977	639	885	90.58
ILLINOIS	12,938	3,924	831	3,855	98.24
IOWA	13,490	2,216	450	1,564	70.58
KANSAS	22,611	2,454	297	1,696	69.11
KENTUCKY	7,252	4,351	1,644	4,756	109.31
LOUISIANA	7,351	4,732	1,764	5,245	110.84
MAINE	2,730	1,507	1,512	1,342	89.05
MARYLAND	1,894	1,885	2,727	2,951	156.55
MICHIGAN	16,986	7,336	1,183	600	8.18
MINNESOTA	16,640	3,446	567	2,286	66.34
MISSISSIPPI	11,726	2,957	691	1,411	47.72
MONTANA	4,691	456	266	348	76.32
NEBRASKA	11,434	1,160	278	914	78.79
NEVADA	2,315	813	962	490	60.27
NEW HAMPSHIRE	1,230	867	1,931	710	81.89
NEW JERSEY	1,722	2,923	4,651	3,429	117.31
NEW MEXICO	3,951	1,262	875	957	75.83
NEW YORK	6,306	4,978	2,163	14,024	281.72
NORTH CAROLINA	10,297	9,921	2,640	8,747	88.17
NORTH DAKOTA	10,535	742	193	332	44.74
OHIO	11,610	8,246	1,946	7,672	93.04
OKLAHOMA	11,178	3,579	877	1,337	37.36
OREGON	7,791	1,861	654	2,028	108.97
PENNSYLVANIA	8,039	5,463	1,862	6,267	114.72
RHODE ISLAND	197	116	1,613	128	110.34
SOUTH CAROLINA	8,517	4,047	1,302	2,638	65.18
SOUTH DAKOTA	10,993	769	192	435	56.57
TENNESSEE	5,471	2,708	1,356	2,760	101.92
TEXAS	32,623	13,480	1,132	9,279	68.84
UTAH	2,604	685	721	496	72.41
VIRGINIA	10,206	5,739	1,541	6,774	118.03
WASHINGTON	7,205	4,407	1,676	9,227	209.37
WEST VIRGINIA	6,360	3,439	1,481	4,392	127.71
WISCONSIN	12,409	3,436	759	5,225	152.07
WYOMING	2,293	409	489	229	55.99
SUBTOTAL	361,963	140,941	1,067	144,049	102.21
INCOMPLETE DATA					
FLORIDA					
INDIANA					
MASSACHUSETTS					
MISSOURI					
VERMONT					

^{1/} NONFATAL INJURY ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 4-E. NONFATAL INJURY ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1986

NONFEDERAL-AID ARTERIAL HIGHWAYS

STATE	RURAL			STATE			URBAN		
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATAL INJURY ACCIDENTS		HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATAL INJURY ACCIDENTS NUMBER
				NUMBER	RATE 1/				
COMPLETE DATA				COMPLETE DATA		222	474	5,850	586
ALABAMA	1	1	2,740	0	0.00	1	2,740	0	0.00
ALASKA	-	-	-	-	-	26	96	53	55.21
ARIZONA	17	19	3,062	8	42.11	411	465	3,100	225
ARKANSAS	362	194	1,468	44	22.68	1,287	3,338	7,106	5,237
CALIFORNIA	16	16	2,740	72	450.00	227	4	406	0
COLORADO	5	2	1,096	25	125.00	41	203	13,365	197
CONNECTICUT	9	20	6,088	0	0.00	4	1	685	1
DELAWARE	1	1	2,740	0	0.00	11	13	3,238	0
DIST. OF COL.	-	-	-	-	-	2	12	16,438	0
GEORGIA	-	-	-	-	-	54	108	123	0
HAWAII	10	19	5,205	0	0.00	40	133	9,110	113.89
IDAHO	1	1	2,740	2	200.00	IOWA	9	4	124
ILLINOIS	-	-	-	-	-	KANSAS	215	658	9,100
INDIANA	-	-	-	-	-	KENTUCKY	-	1,385	125
IOWA	-	-	-	-	-	LOUISIANA	-	-	260.94
KANSAS	48	68	3,881	25	36.76	292	602	5,648	1,717
KENTUCKY	-	-	-	-	-	MAINE	14	80	15,656
LOUISIANA	9	23	7,002	5	21.74	MARYLAND	9	34	32
MAINE	40	140	9,589	48	34.29	MICHIGAN	807	453	71
MARYLAND	-	-	-	-	-	MINNESOTA	-	-	208.82
MASSACHUSETTS	-	-	-	-	-	MISSISSIPPI	33	10	332
MICHIGAN	-	-	-	-	-	MONTANA	36	60	73.29
MINNESOTTA	-	-	-	-	-	NEVADA	-	-	0.00
MISSISSIPPI	250	54	592	8	14.81	NEW HAMPSHIRE	25	100	10,959
MONTANA	51	19	1,021	0	0.00	NEW JERSEY	18	98	89
NEBRASKA	-	-	-	-	-	NEW MEXICO	266	3,018	89.00
NEVADA	-	-	-	-	-	NEW YORK	51	79	2,226
NEW HAMPSHIRE	23	134	15,962	33	24.63	NEW YORK	118	640	73.76
NEW JERSEY	113	916	19,784	544	66.67	NORTH DAKOTA	5	1	765.82
NEW MEXICO	-	-	-	-	-	OHIO	4	3	95.33
NEW YORK	-	-	-	-	-	OKLAHOMA	167	110	2,444
NORTH DAKOTA	2	-	1,370	0	0.00	OREGON	69	179	1,860
OHIO	-	-	-	-	-	PENNSYLVANIA	-	-	0.00
OKLAHOMA	223	305	3,747	27	8.85	RHODE ISLAND	-	-	158.42
OREGON	185	122	1,807	73	59.84	SOUTH CAROLINA	260	594	941
PENNSYLVANIA	-	-	-	-	-	TENNESSEE	10	37	267.57
RHODE ISLAND	-	-	-	-	-	TEXAS	1,926	5,800	1,247
SOUTH CAROLINA	-	-	-	-	-	UTAH	41	34	21.50
SOUTH DAKOTA	14	8	1,566	1	12.50	VERMONT	-	-	179.41
TENNESSEE	1	1	2,740	0	0.00	VIRGINIA	124	680	74
TEXAS	-	8	7,306	0	0.00	WASHINGTON	11	8	1,993
UTAH	-	-	-	-	-	WEST VIRGINIA	-	-	0.00
VERMONT	-	-	-	-	-	WISCONSIN	128	322	319
VIRGINIA	310	303	2,678	1	0.33	WYOMING	3	5	0.00
WASHINGTON	-	-	-	-	-	SUBTOTAL	6,767	18,457	81.17
WEST VIRGINIA	-	-	-	-	-	INCOMPLETE DATA			
WISCONSIN	1	1	2,740	0	0.00	OIST. OF COL.			
WYOMING	248	108	1,193	59	54.63	FLORIDA			
Subtotal	1,943	3,362	975	40.90	40.90	INDIANA			
Incomplete Data	Florida					MASSACHUSETTS			
Missouri						MISSOURI			
North Carolina						NORTH CAROLINA			

1/ NONFATAL INJURY ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 4-F. NONFATAL INJURY ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1986
NONFEDERAL-AID COLLECTOR HIGHWAYS

STATE	RURAL			STATE			URBAN			
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATAL INJURY ACCIDENTS		HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATAL INJURY ACCIDENTS	
				NUMBER	RATE $\frac{1}{L}$				NUMBER	RATE $\frac{1}{L}$
COMPLETE DATA										
ALABAMA	7,010	1,030	403	483	46.89	464	481	2,840	1,216	252.81
ALASKA	881	155	482	151	97.42	63	54	3,196	57	90.18
ARIZONA	4,328	770	487	191	24.81	380	570	4,110	699	157.72
ARKANSAS	11,794	1,650	383	650	39.39	704	296	1,152	234	79.05
CALIFORNIA	11,693	3,028	709	10,160	335.53	2,627	3,083	3,215	5,090	165.10
COLORADO	15,976	1,551	273	1,655	104.27	613	514	2,297	1,283	249.61
CONNECTICUT	1,193	524	1,233	729	139.12	188	220	3,206	3,368	167.77
DELAWARE	158	65	1,127	91	140.00	22	19	2,366	21	110.33
OIST. OF COL.	-	-	-	-	-	1	1	2,740	0	0.00
GEORGIA	7,300	783	294	1,154	147.38	HAWAII	4	9	6,164	0
HAWAII	1,156	176	3,091	1,057	10AH0	106	82	2,119	93	113.41
IDAHO	4,661	450	265	89	19.78	191	185	2,654	401	216.16
ILLINOIS	4,882	1,194	670	1,232	103.18	IOWA	73	40	1,501	61
IOVA	16,392	662	1,192	1,192	180.06	KANSAS	295	331	3,074	554
KANSAS	9,404	270	79	191	270	KENTUCKY	130	104	2,192	226
KENTUCKY	9,352	1,728	506	2,166	125.35	LOUISIANA	354	366	2,833	25
LOUISIANA	4,298	1,322	843	1,370	103.63	MAINE	32	19	1,627	31
MAINE	2,802	840	82	1,025	122.12	MARYLAND	491	590	2,929	733
MARYLAND	1,898	721	1,041	1,025	156.03	MICHIGAN	1,009	1,079	2,348	616
MICHIGAN	7,895	1,490	517	10,344	694.23	MINNESOTA	1,227	1,705	3,807	2,893
MINNESOTA	11,875	1,015	234	693	68.23	MISSISSIPPI	2	1	1,370	0.00
MISSISSIPPI	12,941	275	256	773	26.55	MONTANA	120	61	1,393	16
NEBRASKA	11,346	714	172	261	36.55	NEVADA	-	-	-	26.23
NEVADA	9,149	283	84	327	115.15	NEW HAMPSHIRE	339	374	3,023	636
NEW HAMPSHIRE	1,244	333	733	99	73.38	NEW JERSEY	7	3	1,174	3
NEW JERSEY	1,287	927	1,973	1,194	97.30	NEW JERSEY	95	156	4,499	186
NEW MEXICO	2,559	251	269	2,276	109.96	NEW MEXICO	96	79	2,255	926
NEW YORK	10,006	4,038	1,118	13,780	312.61	NEW YORK	386	201	1,427	488
NORTH DAKOTA	8,153	231	122	122	52.81	NORTH DAKOTA	29	15	1,417	17
OHIO	7,324	2,200	823	2,343	106.10	OKLAHOMA	-	-	-	113.33
OKLAHOMA	1,403	2,89	201	1,433	14.33	OREGON	462	284	1,684	342
OREGON	9,040	1,143	346	361	31.58	PENNSYLVANIA	197	201	2,795	201
PENNSYLVANIA	8,673	2,437	770	3,293	125.27	RHODE ISLAND	-	-	-	100.00
RHOE ISLAND	1,43	51	977	445	55.12	SOUTH CAROLINA	624	379	1,664	491
SOUTH CAROLINA	4,015	607	414	337	55.42	SOUTH OKARTA	52	64	3,372	86
SOUTH DAKOTA	7,336	161	60	94	58.39	TENNESSEE	5	1	548	0
TENNESSEE	10,770	1,937	493	1,908	98.50	TEXAS	3,902	4,621	3,245	59
TEXAS	20,612	2,339	311	1,542	65.93	UTAH	91	41	1,234	82
UTAH	4,723	125	125	1,177	75.97	VERMONT	-	-	-	200.00
VIRGINIA	2,702	406	463	686	168.97	VIRGINIA	-	-	-	-
WASHINGTON	6,122	1,304	548	3,430	263.04	WASHINGTON	27	8	812	0.00
WEST VIRGINIA	2,173	336	367	1,09.43	WEST VIRGINIA	3	5	4,566	1	
WISCONSIN	7,236	923	349	976	105.74	WISCONSIN	545	459	2,307	613
WYOMING	7,583	416	131	31.49	150	18	12	1,826	0	133.55
SUBTOTAL	295,782	42,916	398	67,049	156.23	SUBTOTAL	16,565	17,022	2,815	111.31
INCOMPLETE DATA						INCOMPLETE DATA				
FLORIDA						01ST. OF COL.				
INDIANA						FLORIDA				
MASSACHUSETTS						INDIANA				
MISSOURI						MASSACHUSETTS				
NORTH CAROLINA						MISSOURI				
VERMONT						NORTH CAROLINA				

✓ NONFATAL INJURY ACCIDENTS PER 100 MILLION VEHICLE MILES.

TABLE 4-G. NONFATAL INJURY ACCIDENTS BY STATE AND HIGHWAY SYSTEM - 1986

NONFEDERAL-AID LOCAL HIGHWAYS

STATE	RURAL			URBAN			NUMBER	RATE $\per 1,000$ MILLION VEHICLE MILES	
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	STATE		DAILY VEHICLE MILES PER MILE			
				NONFATAL INJURY ACCIDENTS NUMBER	RATE $\per 1,000$	HIGHWAY MILES	VEHICLE MILES (MILLIONS)		
COMPLETE DATA				COMPLETE DATA		10,101	2,124	576	
ALABAMA	48,459	3,024	171	3,349	110.75	1,339	446	6,766	
ALASKA	7,116	404	155	883	218.56	1,339	446	3,37	
ARIZONA	54,715	1,613	81	2,492	154.49	6,347	1,334	3,163	
ARKANSAS	44,971	1,045	64	618	59.14	4,786	611	3,139	
CALIFORNIA	73,912	7,377	272	15,461	43.91	23,438	1,462	350	
COLORADO	41,375	780	52	1,109	142.18	7,387	3,224	1,462	
CONNECTICUT	6,029	865	393	1,328	153.53	6,757	1,833	2,365	
DELAWARE	2,625	427	745	124.47	-	743	4,783	2,365	
OIST. OF COL.	-	-	-	-	-	1,072	1,65	2,365	
GEORGIA	55,975	2,872	138	2,289	116.63	14,054	4,825	502	
HAWAII	1,650	484	804	329	67.98	902	1,264	941	
IDAHO	57,154	1,026	49	1,115	108.67	1,382	146	892	
ILLINOIS	76,707	3,213	118	4,311	120.12	21,755	6,784	854	
IOWA	65,255	1,438	60	1,721	119.68	5,293	1,113	576	
KANSAS	83,173	1,225	40	1,858	151.67	6,135	1,481	661	
KENTUCKY	41,575	1,894	125	2,873	151.67	4,916	1,740	970	
Louisiana	31,169	2,037	179	4,389	215.46	8,814	892	277	
Maine	11,885	864	199	1,955	226.27	1,435	207	395	
MARYLAND	10,425	1,098	289	1,955	192.15	9,314	1,698	560	
MICHIGAN	58,866	2,411	112	3,386	152.86	17,675	3,545	549	
MINNESOTA	80,750	2,324	79	1,703	63.16	9,758	2,553	717	
MISSISSIPPI	43,947	2,164	135	1,175	54.30	4,820	1,218	692	
MISSOURI	46,855	7,659	45	527	68.53	1,665	748	1,213	
Montana	59,221	1,173	54	1,340	114.24	3,566	572	1,205	
NEBRASKA	34,126	268	22	1,151	56.34	2,220	410	506	
NEW HAMPSHIRE	8,459	488	157	1,124	230.33	1,395	233	458	
NEW JERSEY	7,563	847	847	2,161	76.64	15,789	10,071	1,748	
NEW MEXICO	37,599	764	56	1,116	146.07	25,361	1,154	757	
NEW YORK	48,517	3,862	218	24,200	625	6,226	7,199	778	
NORTH DAKOTA	59,564	9,067	417	5,756	124.66	2,026	258	689	
OHIO	57,500	9,067	432	6,489	71.57	4,916	1,026	570	
OKLAHOMA	68,277	7,756	2,561	1,458	50.38	1,724	4,010	4,010	
OREGON	63,825	1,437	62	724	134.59	19,585	5,399	755	
PENNSYLVANIA	60,946	5,421	244	7,296	120.33	3,154	1,019	885	
RHOE ISLAND	1,098	3,862	749	6,61	1,098	6,433	5,598	255	
SOUTH CAROLINA	35,819	1,856	1,856	1,091	112.66	1,132	243	588	
SOUTH DAKOTA	47,073	7,222	33	5,524	96.50	20,933	11,616	1,520	
TENNESSEE	47,125	1,548	90	5,291	341.80	8,164	3,025	1,115	
TEXAS	142,108	4,311	83	11,461	265.85	5,709	985	473	
UTAH	34,105	4,496	40	1,082	217.27	4,010	1,471	1,005	
VIRGINIA	33,040	2,919	242	3,819	150.83	10,617	4,587	1,262	
WASHINGTON	46,410	5,020	30	5,269	1,059.60	7,58	1,96	1,132	
WEST VIRGINIA	20,933	2,223	92	4,231	190.33	1,899	288	4,910	
WISCONSIN	66,224	2,250	29	3,92	156.80	1,078	150	4,477	
WYOMING	23,302	1,328	114	152,522	188.58	411,885	141,295	940	
Subtotal	1,948,151	80,881	114	152,522	188.58	1,078	364,464	257.95	
.1 INCOMPLETE DATA FLORIDA INDIANA MASSACHUSETTS MISSOURI NORTH CAROLINA VERMONT									

$\per 1,000$ MILLION VEHICLE MILES.

TABLE 5-A. FATALITIES BY STATE AND HIGHWAY SYSTEM - 1986

FEDERAL-AID INTERSTATE HIGHWAYS

STATE	RURAL			URBAN			FATALITIES		
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	STATE			HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE
				FATALITIES		NUMBER			
COMPLETE DATA				COMPLETE DATA					
ALABAMA	621	3,379	14,907	74	2,19		258	2,981	31,656
ALASKA	1,047	700	1,032	30	4.29		42	442	28,832
ARIZONA	1,044	4,309	11,308	105	2.44		117	1,925	45,770
ARKANSAS	419	2,064	13,496	27	1.31		123	1,299	28,934
CALIFORNIA	1,416	10,504	20,324	231	2.20		973	41,482	116,803
COLORADO	760	2,810	10,130	75	2.67		164	3,273	54,678
CONNECTICUT	108	1,225	31,016	13	1.06		232	5,228	68,824
DELAWARE	-	-	-	-	-		41	839	56,064
OIST. OF COL.	-	-	-	-	-		341	8,610	69,176
GEORGIA	891	6,918	21,272	76	1.10		32	888	76,027
HAWAII	570	2,70	38,356	2	2.86		71	411	15,860
IDAHO	534	1,222	6,202	27	2.21		487	10,829	60,921
ILLINOIS	1,306	5,968	12,520	53	0.89		91	91	91
IOWA	653	2,647	11,106	13	0.49		131	1,075	22,482
KANSAS	656	1,865	7,789	24	1.23		164	1,662	27,765
KENTUCKY	579	3,881	18,364	36	0.93		163	2,627	44,155
LOUISIANA	532	3,555	18,308	46	1.23		179	3,436	52,590
MAINE	276	1,229	12,200	9	0.73		339	305	21,426
MARYLAND	165	2,258	37,493	22	0.97		224	6,027	8
MICHIGAN	707	4,814	18,655	15	0.31		431	9,068	57,642
MINNESOTA	688	2,105	8,382	9	0.43		201	3,827	52,164
MISSISSIPPI	564	2,236	10,862	39	1.74		122	1,098	24,650
MISSOURI	836	4,327	14,180	64	1.48		324	6,415	54,245
Montana	1,141	1,490	3,518	32	2.15		46	142	8,457
NEBRASKA	444	1,524	9,404	14	0.92		37	579	42,873
NEVADA	503	1,200	6,536	26	2.17		42	633	41,292
NEW HAMPSHIRE	179	1,098	16,806	11	1.00		42	540	35,225
NEW JERSEY	128	1,770	37,885	7	0.40		260	7,570	79,768
NEW MEXICO	911	2,798	8,415	66	2.36		88	846	26,329
NEW YORK	857	4,855	15,521	37	0.75		639	11,869	51,317
NORTH CAROLINA	596	4,669	21,463	46	0.93		201	2,772	35,058
NORTH DAKOTA	529	745	3,858	6	0.81		42	149	9,720
OHIO	870	7,073	22,274	52	0.74		690	12,168	48,314
OKLAHOMA	724	3,323	12,535	50	1.50		203	2,720	36,710
OREGON	584	2,879	13,516	39	1.35		132	2,252	46,741
PENNSYLVANIA	1,164	6,956	16,312	75	1.08		360	5,139	43,675
RHODE ISLAND	21	153	19,661	2	1.31		49	829	46,352
SOUTH CAROLINA	674	4,289	17,434	62	1.45		115	1,332	36,498
SOUTH DAKOTA	636	1,227	5,286	5	0.41		42	170	11,083
TENNESSEE	788	5,444	18,917	60	1.10		269	4,243	43,214
TEXAS	2,256	10,473	12,961	200	1.87		925	22,419	66,402
UTAH	765	1,667	6,130	45	2.70		132	1,779	39,000
VIRGINIA	765	5,313	19,028	45	0.85		360	5,139	43,675
WASHINGTON	508	3,052	16,460	29	0.95		241	6,213	6,002
WEST VIRGINIA	389	1,797	12,656	16	0.89		90	70,630	29,077
WISCONSIN	466	2,728	16,059	16	0.93		112	2,018	10,788
WYOMING	864	1,430	4,534	31	2.17		50	145	49,364
Subtotal	30,549	146,236	13,115	1,962	1.34				7,945
INCOMPLETE DATA							9,954	209,964	57,790
FLORIDA									1,959
INDIANA									0.93
MASSACHUSETTS									
VERMONT									

$\frac{1}{M}$ FATALITIES PER 100 MILLION VEHICLE MILES.

TABLE 5-B. FATALITIES BY STATE AND HIGHWAY SYSTEM - 1986
OTHER FEDERAL-AID PRIMARY HIGHWAYS

STATE	HIGHWAY MILES	RURAL		STATE		HIGHWAY MILES	VEHICLE MILES (MILLIONS)	URBAN	
		VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATALITIES NUMBER	RATE $\frac{1}{M}$			DAILY VEHICLE MILES PER MILE	FATALITIES NUMBER
COMPLETE DATA									
ALABAMA	5,841	7,075	3,319	156	2.20	COMPLETE DATA	852	4,315	13,175
ALASKA	1,011	446	1,209	8	1.79	ALABAMA	32	189	16,182
ARIZONA	3,685	3,268	2,504	191	5.67	ALASKA	265	1,297	13,409
ARKANSAS	4,714	4,857	2,846	197	4.02	ARKANSAS	472	1,830	10,622
CALIFORNIA	9,575	19,226	5,499	905	4.71	CALIFORNIA	1,492	31,512	57,865
COLORADO	3,877	3,851	2,721	121	3.14	COLORADO	439	18,180	372
CONNECTICUT	689	1,970	7,833	47	2.39	CONNECTICUT	582	4,029	18,166
DELAWARE	334	1,560	12,796	37	2.37	CONNECTICUT	98	23,735	81
DIST. OF C.OL.	-	-	-	-	-	DELAWARE	470	8,539	12
GEORGIA	8,600	10,098	3,217	408	4.04	GEORGIA	1,24	1,395	15,915
HAWAII	387	991	7,016	30	3.03	HAWAII	46	30,822	20
IDAHO	2,619	1,768	1,849	77	4.36	IDAHO	1,920	12,506	17,445
ILLINOIS	7,850	8,855	3,104	311	3.50	ILLINOIS	707	2,226	290
IOWA	9,133	6,019	2,028	170	2.82	IOWA	339	1,475	34
KANSAS	7,734	5,211	1,848	202	3.87	KANSAS	473	2,843	27
KENTUCKY	3,305	5,190	4,302	179	3.45	KENTUCKY	485	3,445	1,655
LOUISIANA	2,661	4,620	4,757	230	4.98	LOUISIANA	183	782	1,433
MAINE	1,825	2,724	1,089	61	2.24	MAINE	544	4,995	119
MARYLAND	1,650	5,614	9,322	168	2.99	MARYLAND	1,003	12,281	119
MICHIGAN	6,275	11,478	5,011	271	2.36	MICHIGAN	584	3,253	123
MINNESOTA	8,729	7,168	2,256	159	2.21	MINNESOTA	352	15,261	44
MISSISSIPPI	5,370	5,068	2,586	306	6.04	MISSISSIPPI	537	3,907	51
MISSOURI	6,273	7,923	3,460	337	4.25	MISSOURI	108	19,933	70
MONTANA	5,355	2,293	1,176	94	4.09	MONTANA	262	1,269	11,707
NEBRASKA	6,923	3,818	1,509	111	2.91	NEVADA	58	25,156	119
NEVADA	1,788	1,168	1,759	58	5.05	NEW HAMPSHIRE	171	24,138	4
NEW HAMPSHIRE	961	1,933	5,528	39	2.01	NEW JERSEY	891	14,275	14
NEW JERSEY	821	3,308	11,039	119	2.16	NEW JERSEY	649	6,480	171
NEW MEXICO	3,366	2,758	2,277	137	4.90	NEW MEXICO	190	12,444	28
NEW YORK	6,425	9,851	4,194	314	3.19	NEW YORK	2,009	21,192	328
NORTH CAROLINA	3,843	8,311	5,922	290	3.49	NORTH CAROLINA	658	5,279	76
NORTH DAKOTA	5,405	1,758	881	42	2.42	NORTH DAKOTA	129	425	13,270
OHIO	5,045	9,142	4,965	250	2.73	OHIO	1,587	7,693	13,281
OKLAHOMA	4,874	5,466	3,072	176	3.22	OKLAHOMA	432	2,010	144
OREGON	4,663	4,925	2,923	229	4.60	OREGON	400	2,600	12,747
PENNSYLVANIA	7,773	14,522	5,122	506	3.48	PENNSYLVANIA	2,140	18,652	307
RHODE ISLAND	161	3,355	5,531	14	4.31	RHODE ISLAND	235	3,121	23,979
SOUTH CAROLINA	4,958	7,097	3,922	298	4.20	SOUTH CAROLINA	713	4,127	3,637
SOUTH DAKOTA	5,691	2,163	1,041	65	3.01	SOUTH DAKOTA	110	4,437	59
TENNESSEE	5,227	7,677	4,024	334	3.35	TENNESSEE	884	5,817	13,288
TEXAS	14,859	21,065	3,884	664	3.15	TEXAS	1,847	16,744	307
UTAH	1,661	1,750	669	428	4.28	UTAH	102	5,000	13,430
VIRGINIA	4,755	9,395	3,785	355	3.78	VIRGINIA	605	4,413	19,409
WASHINGTON	4,394	5,074	3,164	158	3.11	WASHINGTON	645	18,745	53
WEST VIRGINIA	2,258	3,190	3,871	159	4.98	WEST VIRGINIA	193	950	13,486
WISCONSIN	8,249	10,619	3,527	305	2.87	WISCONSIN	935	5,032	14,475
WYOMING	2,854	1,438	1,380	56	3.89	WYOMING	127	407	8,780
SUBTOTAL	214,331	264,159	3,377	9,413	3.56	SUBTOTAL	28,188	217,567	3,757
INCOMPLETE DATA						INCOMPLETE DATA 01ST. OF COL. FLORIDA INDIANA MASSACHUSETTS VERMONT			

TABLE 5-C. FATALITIES BY STATE AND HIGHWAY SYSTEM - 1986
FEDERAL-AID URBAN HIGHWAYS

STATE	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	ARTERIAL		STATE	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	COLLECTOR	
			DAILY VEHICLE MILES PER MILE	FATALITIES NUMBER				DAILY VEHICLE MILES PER MILE	FATALITIES NUMBER
COMPLETE DATA									
ALABAMA	1,515	3,775	6,827	51	1,35	1,230	1,299	2,893	77
ALASKA	79	504	17,479	6	1.19	156	188	3,302	5
ARIZONA	2,377	4,704	5,422	278	5.91	714	929	3,565	7
ARKANSAS	833	1,543	5,075	50	3.24	288	159	1,513	4
CALIFORNIA	12,319	58,986	13,118	1,829	3.10	4,780	5,725	3,281	152
COLORADO	1,733	5,760	9,16	103	1.79	551	455	2,262	11
CONNECTICUT	1,232	4,185	9,307	93	2.22	1,726	1,984	3,149	53
DELAWARE	157	704	12,285	19	2.70	148	2,289	5,442	7
GEORGIA	2,142	6,612	8,457	206	3.12	1,826	2,289	3,334	74
HAWAII	140	825	16,145	25	3.03	178	424	6,556	6
IDAHO	442	1,178	7,302	21	1.78	100	220	2,130	3
ILLINOIS	3,623	14,415	10,301	290	2.01	1,079	5,998	5,337	105
IOWA	1,447	2,340	4,431	28	1.20	965	633	1,797	8
KANSAS	1,084	2,809	7,100	34	1.21	484	306	1,332	2
KENTUCKY	1,090	3,703	9,308	65	1.76	761	1,191	4,288	17
LOUISIANA	1,322	3,935	8,155	105	2.67	763	896	3,217	41
MAINE	1,347	984	7,769	3	0.30	360	341	2,595	1
MARYLAND	1,438	8,011	15,233	150	1.87	686	1,377	5,499	41
MICHIGAN	4,257	15,657	10,077	412	2.63	1,153	2,069	4,916	38
MINNESOTA	1,552	5,694	10,052	44	0.77	640	696	2,979	7
MISSISSIPPI	942	1,986	5,776	49	2.47	749	627	2,933	16
MISSOURI	1,805	7,050	10,701	161	2.28	551	614	3,053	7
MONTANA	231	520	6,167	13	2.50	91	87	2,619	2
NEBRASKA	649	1,811	7,65	25	1.38	404	441	2,991	2
NEVADA	465	2,227	13,121	58	2.60	92	168	5,003	1
NEW HAMPSHIRE	385	7,017	14	1.42	337	303	2,663	9	0.60
NEW JERSEY	3,539	14,506	11,230	358	2.47	1,808	2,958	4,452	58
NEW MEXICO	463	1,997	11,817	64	3.20	143	280	5,364	15
NEW YORK	5,173	20,730	10,797	629	3.03	3,529	4,831	3,751	81
NORTH CAROLINA	2,353	9,323	10,655	170	1.02	203	305	3,162	11
NORTH DAKOTA	260	432	4,552	3	0.69	173	203	2,335	1
OKLAHOMA	3,617	10,354	7,843	256	2.47	4,108	3,786	2,525	121
OREGON	2,237	6,188	7,579	73	1.18	741	664	2,555	13
PENNSYLVANIA	3,833	1,126	8,027	105	3.36	916	981	2,934	12
RHODE ISLAND	493	2,075	8,744	241	2.76	3,150	4,293	3,734	42
SOUTH CAROLINA	637	2,354	11,531	42	2.02	446	249	1,530	10
SOUTH DAKOTA	280	351	10,323	10	3.27	532	770	3,965	30
TEXAS	1,325	5,105	10,556	150	1.14	99	65	1,799	1
UTAH	6,067	23,174	10,538	307	2.94	1,759	2,031	3,163	69
VIRGINIA	533	13,335	13,335	68	1.32	1,549	1,624	2,872	0
WASHINGTON	2,216	8,176	10,108	140	1.71	1,287	1,770	5,151	15
WEST VIRGINIA	385	1,156	8,226	26	2.25	1,337	1,790	3,668	37
WISCONSIN	2,061	5,501	7,313	83	1.51	1,682	2,078	3,385	44
WYOMING	241	407	4,627	9	2.21	400	468	3,205	5
SUBTOTAL	82,354	297,020	9,881	7,107	2.39	47,169	58,761	1,273	2,17
INCOMPLETE DATA 01ST. OF COL.									
FLORIDA									
INDIANA									
MASSACHUSETTS									
VERMONT									

Δ FATALITIES PER 100 MILLION VEHICLE MILES.

TABLE 5-D. FATALITIES
BY STATE AND HIGHWAY SYSTEM - 1986
FEDERAL-AID SECONDARY HIGHWAYS

STATE	COLLECTOR, RURAL				
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	FATALITIES	
				NUMBER	RATE 1/
COMPLETE DATA					
ALABAMA	11,405	4,045	972	125	3.09
ALASKA	1,851	470	696	14	2.98
ARIZONA	3,299	1,731	1,438	78	4.51
ARKANSAS	7,173	1,502	574	78	5.19
CALIFORNIA	11,088	7,244	1,790	512	7.07
COLORADO	3,411	1,205	968	60	4.98
CONNECTICUT	902	1,167	3,545	36	3.08
DELAWARE	602	547	2,489	26	4.75
DIST. OF COLUMBIA	-	-	-	-	-
GEORGIA	13,996	5,325	1,042	211	3.96
HAWAII	450	414	2,521	17	4.11
IDAHO	4,191	977	639	41	4.20
ILLINOIS	12,938	3,924	831	157	4.00
IOWA	13,490	2,216	450	89	4.02
KANSAS	22,611	2,454	297	86	3.50
KENTUCKY	7,252	4,351	1,644	206	4.73
LOUISIANA	7,351	4,732	1,764	242	5.11
MAINE	2,730	1,507	1,512	37	2.46
MARYLAND	1,894	1,885	2,727	96	5.09
MICHIGAN	16,986	7,336	1,183	347	4.73
MINNESOTA	16,640	3,446	567	110	3.19
MISSISSIPPI	11,726	2,957	691	155	5.24
MISSOURI	18,206	4,530	682	242	5.34
MONTANA	4,691	456	266	31	6.80
NEBRASKA	11,434	1,160	278	35	3.02
NEVADA	2,315	813	962	30	3.69
NEW HAMPSHIRE	1,230	867	1,931	35	4.04
NEW JERSEY	1,722	2,923	4,651	94	3.22
NEW MEXICO	3,951	1,262	875	78	6.18
NEW YORK	6,306	4,978	2,163	181	3.64
NORTH CAROLINA	10,297	9,921	2,640	415	4.18
NORTH DAKOTA	10,535	742	193	17	2.29
OHIO	11,610	8,246	1,946	278	3.37
OKLAHOMA	11,178	3,579	877	99	2.77
OREGON	7,791	1,861	654	96	5.16
PENNSYLVANIA	8,039	5,463	1,862	221	4.05
RHODE ISLAND	197	116	1,613	4	3.45
SOUTH CAROLINA	8,517	4,047	1,302	250	6.18
SOUTH DAKOTA	10,993	769	192	26	3.38
TENNESSEE	5,471	2,708	1,356	149	5.50
TEXAS	32,623	13,480	1,132	593	4.40
UTAH	2,604	685	721	34	4.96
VIRGINIA	10,206	5,739	1,541	213	3.71
WASHINGTON	7,205	4,407	1,676	109	2.47
WEST VIRGINIA	6,360	3,439	1,481	137	3.98
WISCONSIN	12,409	3,436	759	109	3.17
WYOMING	2,293	409	489	20	4.89
SUBTOTAL	380,169	145,471	1,048	6,219	4.28
INCOMPLETE DATA					
FLORIDA					
INDIANA					
MASSACHUSETTS					
VERMONT					

1/ FATALITIES PER 100 MILLION VEHICLE MILES.

TABLE 5-E. FATALITIES BY STATE AND HIGHWAY SYSTEM - 1986
NONFEDERAL-AID ARTERIAL HIGHWAYS

STATE	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	RURAL		STATE		HIGHWAY MILES	VEHICLE MILES (MILLIONS)	URBAN		NUMBER	FATALITIES RATE 1/
			FATALITIES		FATALITIES				DAILY VEHICLE MILES PER MILE	HIGHWAY MILES		
			NUMBER	RATE 1/	NUMBER	RATE 1/	COMPLETE DATA	COMPLETE DATA	COMPLETE DATA	COMPLETE DATA		
COMPLETE DATA	-	-	2,740	0	0	0.00	ALABAMA	222	474	5,850	7	1.48
ALABAMA	-	1	-	-	-	-	ALASKA	1	2,740	0	0.00	0.00
ALASKA	-	19	3,062	2	10	53	ARIZONA	26	96	10,116	0	0.00
ARIZONA	17	194	1,468	9	4	64	ARKANSAS	411	465	3,100	16	3.44
ARKANSAS	362	16	2,740	5	31	25	CALIFORNIA	1,287	3,338	7,106	97	2.91
CALIFORNIA	5	16	1,096	0	0	0.00	COLORADO	27	4	406	0	0.00
COLORADO	9	20	6,088	2	10	00	CONNECTICUT	41	203	13,565	2	0.59
CONNECTICUT	-	1	2,740	0	0	0.00	DELAWARE	4	1	685	0	0.00
DELAWARE	-	-	-	-	-	-	GEORGIA	11	13	3,238	0	0.00
GEORGIA	-	-	-	-	-	-	HAWAII	2	12	16,438	0	0.00
HAWAII	-	10	19	5,295	0	0.00	IDAHO	54	108	5,473	1	0.93
IDAHO	-	1	1	2,740	0	0.00	ILLINOIS	40	133	9,110	1	0.75
ILLINOIS	-	-	-	-	-	-	IOWA	9	4	1,218	0	0.00
INDIANA	-	-	-	-	-	-	KANSAS	215	658	8,385	13	1.98
IOWA	-	-	-	-	-	-	KENTUCKY	-	-	-	-	-
KANSAS	48	68	3,881	1	1	47	LOUISIANA	292	602	5,648	2	0.33
KENTUCKY	-	-	-	-	-	-	MAINE	14	80	15,656	6	7.30
Louisiana	9	23	7,002	7	30	43	MARYLAND	9	34	10,350	1	2.34
MAINE	40	140	9,589	3	2	14	MICHIGAN	807	453	1,538	5	1.10
MARYLAND	-	-	-	-	-	-	MINNESOTA	-	-	-	-	-
Massachusetts	-	-	-	-	-	-	MISSISSIPPI	33	10	830	0	0.00
MICHIGAN	-	-	-	-	-	-	MISSOURI	535	1,463	7,492	19	1.30
MINNESOTA	-	-	-	-	-	-	MISSOURI	36	60	4,566	1	1.67
MISSISSIPPI	250	54	592	4	7	41	NEBRASKA	-	-	10,959	4	4.00
MISSOURI	2	1	1,370	0	0	0.00	NEVADA	25	100	14,916	3	3.06
Montana	51	19	1,021	1	5	26	NEW HAMPSHIRE	18	98	31,018	29	0.96
NEBRASKA	-	-	-	-	-	-	NEW JERSEY	266	3,018	31,085	29	0.96
NEVADA	-	-	-	-	-	-	NEW MEXICO	51	79	4,244	1	1.27
NEW HAMPSHIRE	-	23	134	15,962	1	0.75	NEW YORK	988	2,221	14,860	0	0.00
NEW JERSEY	113	816	19,744	18	2	21	NORTH CAROLINA	5	1	6,159	26	1.17
NEW MEXICO	-	-	-	-	-	-	NORTH DAKOTA	10	1	548	0	0.00
NEW YORK	-	-	-	-	-	-	OHIO	4	3	2,055	0	0.00
North Carolina	249	125	1,375	0	0	0.00	OKLAHOMA	167	110	1,885	0	0.00
North Dakota	2	1	1,370	0	0	0.00	OREGON	69	179	7,107	0	0.00
Ohio	-	-	-	-	-	-	PENNSYLVANIA	-	-	-	-	-
Oklahoma	223	305	3,747	2	0	66	RHOE ISLAND	-	-	-	-	-
Oregon	185	122	1,807	5	4	10	SOUTH CAROLINA	260	594	6,259	10	1.68
Pennsylvania	-	-	-	-	-	-	SOUTH DAKOTA	10	37	10,137	0	0.00
Rhode Island	-	-	-	-	-	-	TENNESSEE	-	-	-	-	-
South Carolina	-	-	-	-	-	-	TEXAS	1,926	5,800	8,250	169	2.91
Tennessee	-	8	1,566	0	0	0.00	UTAH	41	34	2,272	0	0.00
Texas	1	1	2,740	0	0	0.00	VERMONT	-	-	-	-	-
Utah	-	8	7,306	3	37	50	VIRGINIA	124	680	15,024	0	0.00
Vermont	-	-	-	-	-	-	WASHINGTON	11	8	1,993	0	0.00
Virginia	310	303	2,678	0	0	0.00	WEST VIRGINIA	-	-	6,892	-	0.31
Washington	-	-	-	-	-	-	WISCONSIN	128	322	5,456	1	0.00
West Virginia	-	-	-	-	-	-	WYOMING	3	5	-	-	-
Wisconsin	1	1	2,740	0	0	0.00	Subtotal	-	-	-	-	-
Wyoming	248	108	1,193	3	2	78	Incomplete Data Dist. of Col. Florida Indiana Massachusetts	8,290	22,141	7,317	414	1.87
Subtotal	2,194	2,510	3,134	66	2,63	-						
Incomplete Data Florida												

1/ FATALITIES PER 100 MILLION VEHICLE MILES.

TABLE 5-F. FATALITIES BY STATE AND HIGHWAY SYSTEM - 1986

NONFEDERAL-AID COLLECTOR HIGHWAYS

STATE	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	RURAL		STATE		HIGHWAY MILES	VEHICLE MILES (MILLIONS)	URBAN		FATALITIES NUMBER	RATE $\per 1,000$ MILE
			DAILY VEHICLE MILES PER MILE	FATALITIES NUMBER	RATE $\per 1,000$ MILE	FATALITIES NUMBER			DAILY VEHICLE MILES PER MILE	FATALITIES NUMBER		
COMPLETE DATA												
ALABAMA	7,010	1,030	403	41	3.98	COMPLETE DATA					28	5.82
ALASKA	881	155	482	2	1.29	ALABAMA	464	481	2,840	2	3.17	
ARIZONA	4,328	770	487	34	4.42	ALASKA	54	63	3,196	7	1.23	
ARKANSAS	11,794	1,650	383	82	4.97	ARIZONA	380	570	4,110	6	2.03	
CALIFORNIA	11,933	3,058	709	228	7.53	ARKANSAS	704	296	1,152	74	2.40	
COLORADO	15,976	1,591	273	57	5.58	CALIFORNIA	2,627	3,083	3,215	11	2.14	
CONNECTICUT	1,193	524	1,203	11	2.15	COLORADO	613	514	2,297	9	4.09	
DELAWARE	158	65	1,127	4	6.15	CONNECTICUT	188	220	3,206	1	5.16	
DIST. OF COLUMBIA	-	-	-	-	-	DELAWARE	22	19	2,366	1	5.16	
GEORGIA	7,390	783	294	24	3.07	GEORGIA	1	1	2,740	0	0.00	
HAWAII	156	176	3,091	0	0.00	HAWAII	9	9	6,164	0	0.00	
IDAHO	4,661	450	265	4	0.89	IDAHO	106	82	2,119	2	2.44	
ILLINOIS	4,882	1,94	670	59	4.94	ILLINOIS	191	185	2,654	2	1.08	
IOWA	16,392	662	111	30	4.53	IDAHO	73	40	1,501	0	0.00	
KANSAS	9,404	270	79	10	3.70	KANSAS	295	331	3,074	6	1.81	
KENTUCKY	9,352	1,728	506	98	5.67	KENTUCKY	130	104	2,192	1	0.96	
Louisiana	4,298	1,322	843	42	3.18	LOUISIANA	354	366	2,833	0	0.00	
Maine	2,802	840	821	20	2.38	MAINE	32	19	1,027	4	21.05	
MARYLAND	1,898	721	1,041	29	4.02	MARYLAND	491	590	3,292	14	2.37	
MICHIGAN	7,895	1,490	517	62	4.16	MICHIGAN	1,609	1,379	2,348	18	1.31	
MINNESOTA	11,875	1,015	234	40	3.94	MINNESOTA	1,227	1,705	3,807	25	1.47	
MISSISSIPPI	2,941	275	256	13	4.73	MISSISSIPPI	2	1	1,370	0	0.00	
MISSOURI	5,556	361	181	19	5.26	MISSOURI	838	960	3,339	1	1.67	
MONTANA	11,446	714	172	9	1.26	MONTANA	120	61	1,393	1	1.64	
NEBRASKA	9,249	283	84	10	3.53	NEBRASKA	-	-	-	-	-	
NEVADA	2,465	134	149	10	7.46	NEVADA	339	374	3,023	11	2.94	
NEW HAMPSHIRE	1,244	333	733	7	2.10	NEW HAMPSHIRE	7	3	1,174	0	0.00	
NEW JERSEY	1,287	927	1,973	30	3.24	NEW JERSEY	95	95	1,56	4	2.56	
NEW MEXICO	2,559	251	269	20	7.97	NEW MEXICO	96	79	2,255	1	1.27	
NEW YORK	10,806	4,408	1,118	129	2.93	NEW YORK	386	201	1,127	1	0.50	
NORTH CAROLINA	9,342	3,423	1,004	178	5.20	NORTH CAROLINA	1,037	782	2,066	15	1.92	
NORTH DAKOTA	8,053	231	378	7	3.46	NORTH DAKOTA	29	15	1,417	0	0.00	
OHIO	7,324	2,00	823	68	3.09	OHIO	-	-	-	-	-	
OKLAHOMA	13,219	1,003	1,03	10	0.71	OKLAHOMA	462	284	1,684	5	1.76	
OREGON	9,040	1,143	346	18	1.57	OREGON	197	201	2,795	4	1.99	
PENNSYLVANIA	8,673	2,437	770	87	3.57	PENNSYLVANIA	-	-	-	-	-	
RHODE ISLAND	1,143	571	977	3	5.88	RHODE ISLAND	624	379	1,664	7	1.85	
SOUTH CAROLINA	4,015	607	414	43	7.08	SOUTH CAROLINA	52	64	3,372	0	0.00	
SOUTH DAKOTA	7,336	161	60	9	5.59	SOUTH DAKOTA	-	-	-	-	-	
TENNESSEE	10,770	1,324	493	88	4.54	TENNESSEE	5	1	548	50	1.08	
TEXAS	20,612	2,339	311	75	2.21	TEXAS	3,902	4,621	3,445	1	2.44	
UTAH	4,736	233	135	15	6.44	UTAH	91	41	1,234	1	-	
VIRGINIA	2,402	406	463	20	4.93	VIRGINIA	-	-	-	-	-	
WASHINGTON	6,922	1,304	548	49	3.76	WASHINGTON	27	8	812	0	0.00	
WEST VIRGINIA	2,173	336	424	14	4.17	WEST VIRGINIA	3	5	4,666	0	0.00	
WISCONSIN	7,236	923	349	39	4.23	WISCONSIN	545	459	2,307	3	0.55	
WYOMING	7,583	416	150	16	3.85	WYOMING	18	12	1,826	0	0.00	
SUBTOTAL	310,580	46,700	412	1,864	3.99	SUBTOTAL	18,440	18,764	2,788	329	1.75	
INCOMPLETE DATA FLORIDA INDIANA MASSACHUSETTS VERMONT												
INCOMPLETE DATA OILST. OF COL. FLORIDA INDIANA MASSACHUSETTS												
1. FATALITIES PER 100 MILLION VEHICLE MILES.												

TABLE 5-G. FATALITIES BY STATE AND HIGHWAY SYSTEM - 1986
NONFEDERAL-AID LOCAL HIGHWAYS

STATE	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	RURAL		URBAN		DAILY VEHICLE MILES PER MILE	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NUMBER	RATE Δ					
			FATALITIES		FATALITIES											
			NUMBER	RATE Δ	NUMBER	RATE Δ										
COMPLETE DATA					COMPLETE DATA											
ALABAMA	48,459	3,024	171	9.62	ALABAMA	10,101	2,124	576	172	8.10						
ALASKA	7,146	404	155	3.47	ALASKA	913	446	4	0.90	0.90						
ARIZONA	54,715	1,613	157	9.73	ARIZONA	1,339	1,334	576	50	3.75						
ARKANSAS	44,971	1,045	64	6.89	ARKANSAS	4,786	611	350	15	2.45						
CALIFORNIA	73,912	7,337	272	262	CALIFORNIA	43,913	23,438	1,462	297	1.27						
COLORADO	41,375	780	552	27	COLORADO	7,387	3,224	1,396	29	0.90						
CONNECTICUT	6,029	865	393	23	CONNECTICUT	6,557	1,833	743	32	1.75						
DELAWARE	2,695	427	434	22	DELAWARE	1,072	1,072	456	1,165	0.44						
DIST. OF COLUMBIA	-	-	-	-	GEORGIA	14,054	4,825	941	153	3.17						
GEORGIA	55,975	2,820	138	88	HAWAII	902	1,264	3,839	7	0.55						
HAWAII	1,650	484	804	10	IDAHO	1,382	1,46	289	4	2.74						
IDAHO	57,154	1,026	49	63	ILLINOIS	21,755	6,784	854	143	2.11						
ILLINOIS	76,707	3,313	118	94	ILLINOIS	5,293	5,293	576	113	1.44						
IOWA	65,205	1,438	60	45	KANSAS	6,135	1,481	661	13	0.88						
KANSAS	83,473	1,225	40	62	KENTUCKY	6,006	4,916	1,740	970	26						
KENTUCKY	41,575	1,894	125	98	LOUISIANA	8,814	8,814	892	277	25						
LOUISIANA	31,169	2,037	179	91	MAINE	1,435	207	395	14	6.76						
MAINE	11,885	864	199	29	MARYLAND	17,675	3,545	560	36	2.12						
MARYLAND	10,425	1,098	289	54	MICHIGAN	1,698	1,698	549	107	3.02						
MICHIGAN	58,866	2,411	112	56	MINNESOTA	9,758	2,553	717	24	0.94						
MINNESOTA	80,750	2,324	79	84	MISSISSIPPI	4,820	1,218	692	40	3.28						
MISSISSIPPI	43,947	2,164	135	80	MISSOURI	10,451	1,065	279	50	4.69						
MISSOURI	73,584	2,955	110	79	MONTEANA	1,665	1,665	1,231	14	2.45						
MONTEANA	46,825	45	45	25	NEBRASKA	3,586	572	437	14	2.45						
NEBRASKA	59,201	1,173	54	48	NEVADA	2,220	410	456	11	2.15						
NEVADA	34,126	268	22	10	NEW HAMPSHIRE	1,395	233	458	5	0.59						
NEW HAMPSHIRE	8,499	488	171	26	NEW JERSEY	5,33	10,071	1,448	59	1.82						
NEW JERSEY	847	307	38	44	NEW MEXICO	38	1,154	757	21	2.42						
NEW MEXICO	37,599	764	56	49	NEW YORK	6,41	7,199	778	174	2.96						
NEW YORK	48,517	3,862	218	137	NORTH CAROLINA	12,505	3,325	728	95	0.98						
NORTH CAROLINA	51,254	2,563	137	80	NORTH DAKOTA	10,122	1,026	258	689	2						
NORTH DAKOTA	59,954	722	33	9	OHIO	20,933	11,616	1,220	233	2.01						
OHIO	57,500	9,067	432	171	OKLAHOMA	8,164	3,025	1,015	58	1.92						
OKLAHOMA	60,277	1,755	70	126	OREGON	5,709	473	473	25	2.54						
OREGON	63,825	1,437	62	35	PENNSYLVANIA	19,585	5,399	755	209	3.87						
PENNSYLVANIA	67,946	5,421	244	147	RHODE ISLAND	3,154	1,019	885	13	1.28						
RHODE ISLAND	1,098	300	749	4	SOUTH CAROLINA	6,433	598	255	48	8.03						
SOUTH CAROLINA	35,818	1,856	1,856	157	SOUTH DAKOTA	1,132	243	588	5	2.06						
SOUTH DAKOTA	47,073	1,543	32	17	TENNESSEE	10,227	3,012	807	72	2.39						
TEXAS	47,125	1,548	90	12	TEXAS	57,327	22,090	1,056	470	2.13						
TEXAS	142,108	4,311	83	388	UTAH	4,010	1,471	4,010	21	1.43						
UTAH	34,035	4,98	40	18	VIRGINIA	9,960	4,587	1,262	46	1.00						
VIRGINIA	33,040	2,919	242	109	WASHINGTON	10,617	758	196	45	5.34						
WASHINGTON	46,410	502	30	47	WEST VIRGINIA	1,899	288	416	5	1.74						
WEST VIRGINIA	20,993	764	100	44	WISCONSIN	9,481	4,477	1,294	26	0.58						
WISCONSIN	66,234	2,223	92	113	WYOMING	1,078	1,078	381	3	2.00						
WYOMING	23,302	250	29	9	SUBTOTAL											
SUBTOTAL	2,072,989	86,399	114	4,001	4.63	434,841	145,685	918	2,921	2.01						
INCOMPLETE DATA					INCOMPLETE DATA											
FLORIDA					DIST. OF COLUMBIA											
INDIANA					FLORIDA											
MASSACHUSETTS					INDIANA											
VERMONT					MASSACHUSETTS											
					VERMONT											

Δ FATALITIES PER 100 MILLION VEHICLE MILES.

TABLE 6-A. NONFATAL INJURED PERSONS BY STATE AND HIGHWAY SYSTEM - 1986

FEDERAL-AID INTERSTATE HIGHWAYS

STATE	HIGHWAY MILES	RURAL		NONFATALLY INJURED PERSONS		URBAN		NONFATALLY INJURED PERSONS NUMBER	RATE $\frac{1}{M}$
		VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NUMBER	RATE $\frac{1}{M}$	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	
COMPLETE DATA						COMPLETE DATA			
ALABAMA	621	3,379	14,907	1,001	29.62	258	2,981	31,656	1,040
ALASKA	1,047	700	1,832	574	82.00	42	442	25,832	401
ARIZONA	1,044	4,309	11,308	1,319	30.61	117	1,929	45,077	1,263
ARKANSAS	419	2,064	13,496	406	19.67	123	1,295	28,934	422
CALIFORNIA	1,416	10,504	20,324	4,437	42.24	973	41,482	116,803	32.49
COLORADO	760	2,810	10,130	1,604	57.08	164	3,273	54,578	50.21
CONNECTICUT	108	1,225	31,076	557	45.47	232	5,828	68,824	90.28
DELAWARE	-	-	-	-	-	41	839	56,064	4,117
OIST. OF COL.	-	-	-	-	-	341	8,610	69,176	49.46
GEORGIA	891	6,918	21,272	1,765	25.51	32	888	76,027	6,143
HAWAII	5	1,70	38,356	1,97	281.43	71	41	15,865	1,091
IDAHO	534	1,222	6,270	546	44.68	487	10,823	60,921	11,237
ILLINOIS	1,306	5,966	12,520	2,053	34.40	131	1,075	22,482	439
IOWA	653	2,647	11,106	614	23.20	164	1,662	27,765	1,427
KANSAS	656	1,865	7,894	690	37.00	163	2,627	44,155	58.81
KENTUCKY	579	3,881	18,364	1,068	27.52	175	3,436	52,590	3,018
Louisiana	532	3,555	18,308	1,609	45.26	139	305	21,426	87.83
MAINE	276	1,259	12,200	558	45.40	224	6,927	6,927	92.75
MARYLAND	165	2,258	37,493	1,086	48.10	431	9,068	57,642	53.51
MICHIGAN	707	4,814	18,655	3,562	73.99	201	3,827	15,164	1,790
MINNESOTA	688	2,105	8,382	325	15.44	122	1,098	24,658	51.09
MISSISSIPPI	564	2,236	10,862	536	23.97	46	1,142	8,457	40
MISSOURI	1,141	4,490	13,578	611	41.01	37	573	4,873	503
NEBRASKA	444	1,524	9,404	432	28.35	42	633	41,292	918
NEVADA	503	1,200	6,536	685	57.08	42	540	35,225	92
NEW HAMPSHIRE	179	1,098	16,806	253	23.04	260	7,570	79,768	5,449
NEW JERSEY	128	1,770	37,885	361	20.40	88	846	26,339	981
NEW MEXICO	911	2,798	8,415	1,298	46.39	639	11,969	51,317	10,704
NEW YORK	857	4,855	15,521	2,714	55.90	201	2,572	35,058	1,006
NORTH DAKOTA	596	4,663	21,463	1,974	42.28	42	149	9,720	46
OHIO	529	745	3,858	236	31.68	690	12,168	48,314	9,142
OKLAHOMA	770	3,073	22,274	1,983	28.04	203	2,720	36,710	2,035
OREGON	724	3,323	12,575	719	21.64	132	2,252	46,741	7,724
PENNSYLVANIA	584	2,879	13,506	902	31.33	360	5,739	43,676	4,003
RHOE ISLAND	1,164	6,956	16,372	3,072	43.52	49	4,352	629	75.87
RHOE ISLAND	21	153	19,961	22	14.38	115	1,532	3,498	698
SOUTH CAROLINA	674	4,259	17,434	651	10.18	42	170	11,089	84
SOUTH CAROLINA	636	1,227	5,286	340	27.71	269	4,243	43,214	49.41
TENNESSEE	788	5,441	18,917	5,569	28.84	925	22,419	66,402	24,701
TEXAS	2,256	10,673	12,961	4,200	39.35	132	1,873	39,000	110,168
UTAH	745	1,667	6,130	935	56.09	288	6,602	62,804	1,263
VIRGINIA	765	5,313	19,028	2,093	39.39	241	6,213	27,630	3,262
WASHINGTON	508	3,052	16,460	1,206	39.52	90	788	23,988	4,249
WEST VIRGINIA	389	1,797	12,656	565	31.44	112	2,018	49,364	68.39
WISCONSIN	466	16,039	835	30.61	50	145	7,945	1,566	65,86
WYOMING	864	1,430	4,534	864	60.42	50	145	126	86.90
SUBTOTAL	29,713	141,909	13,085	52,982	37.34	9,630	203,549	145,923	71.69
INCOMPLETE DATA									
FLORIDA									
INDIANA									
MASSACHUSETTS									
MISSOURI									
VERMONT									

1/ NONFATAL INJURED PERSONS PER 100 MILLION VEHICLE MILES.

TABLE 6-B. NONFATALLY INJURED PERSONS BY STATE AND HIGHWAY SYSTEM - 1986
OTHER FEDERAL-AID PRIMARY HIGHWAYS

STATE	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	RURAL		STATE		HIGHWAY MILES	VEHICLE MILES (MILLIONS)	URBAN		NONFATALLY INJURED PERSONS NUMBER	NONFATALLY INJURED PERSONS RATE $\frac{1}{M}$
			DAILY VEHICLE MILES PER MILE	NONFATALLY INJURED PERSONS NUMBER	RATE $\frac{1}{M}$	DAILY VEHICLE MILES PER MILE	NONFATALLY INJURED PERSONS NUMBER	NONFATALLY INJURED PERSONS NUMBER	DAILY VEHICLE MILES PER MILE	NONFATALLY INJURED PERSONS NUMBER		
COMPLETE DATA	5,841	7,075	3,319	5,998	84.78	COMPLETE DATA	852	4,315	13,875	3,970	92.00	92.00
ALABAMA	1,011	446	1,209	299	67.04	ALABAMA	32	189	16,182	256	135.45	135.45
ALASKA	3,685	3,368	2,504	1,227	57.21	ALASKA	265	1,297	13,409	4,121	317.73	317.73
ARIZONA	4,714	4,897	2,846	2,919	59.61	ARKANSAS	472	1,830	10,422	2,128	111.28	111.28
CALIFORNIA	9,575	19,220	5,499	18,917	98.42	CALIFORNIA	1,492	31,512	57,865	26,148	82.98	82.98
COLORADO	3,877	3,851	2,721	3,194	82.94	COLORADO	1,439	2,913	18,180	7,290	250.26	250.26
CONNECTICUT	689	1,970	7,833	2,932	131.57	CONNECTICUT	582	4,029	18,966	9,137	226.78	226.78
DELAWARE	334	1,560	12,96	1,442	92.44	DELAWARE	98	849	23,735	1,866	219.79	219.79
OIST. OF COL.	-	-	-	-	-	GEORGIA	1,470	5,539	15,915	21,47	248.82	248.82
GEORGIA	8,600	10,098	3,217	11,044	109.37	HAWAII	124	1,395	30,822	3,159	226.45	226.45
HAWAII	387	991	7,016	1,452	104.00	104.00	104.00	46	1,192	11,435	335	174.48
IDAHO	2,619	1,768	1,849	1,784	100.90	ILLINOIS	1,920	12,506	17,845	40,139	320.96	320.96
ILLINOIS	7,850	8,895	3,104	10,107	113.63	IDAHO	707	2,226	8,626	5,934	233.33	233.33
IOWA	8,133	6,019	2,028	4,246	70.54	KANSAS	339	11,921	11,921	3,651	241.53	241.53
KANSAS	7,734	5,217	1,848	3,149	69.94	KENTUCKY	473	2,843	16,457	5,508	193.74	193.74
KENTUCKY	3,305	5,190	4,302	6,027	6,161.13	Louisiana	485	3,445	19,461	10,797	313.41	313.41
Louisiana	2,661	4,620	4,757	5,831	126.21	MAINE	183	782	11,707	2,303	294.50	294.50
MAINE	1,825	2,724	4,089	3,153	115.75	MARYLAND	544	4,995	25,156	15,886	304.02	304.02
MARYLAND	1,650	5,614	9,522	7,454	137.96	MICHIGAN	1,003	1,281	12,534	9,934	162.40	162.40
MICHIGAN	6,275	11,476	5,011	20,76	176.39	MINNESOTA	584	3,253	15,261	5,283	257.96	257.96
MINNESOTA	8,729	7,188	2,256	5,071	70.55	MISSISSIPPI	352	1,532	11,224	3,522	34.41	34.41
MISSISSIPPI	5,370	5,068	2,586	5,191	102.43	MONTANA	108	372	9,437	128	284.55	284.55
MONTANA	5,355	2,299	1,176	2,027	88.17	NEBRASKA	262	1,269	13,270	3,611	91.78	91.78
NEBRASKA	6,933	3,818	1,509	2,348	6,150	NEVADA	58	511	24,338	4,69	142.31	142.31
NEVADA	1,788	1,148	1,759	858	7,74	NEW HAMPSHIRE	171	891	14,275	1,258	330.52	330.52
NEW HAMPSHIRE	961	1,939	5,528	1,111	83.08	NEW JERSEY	649	6,480	12,536	12,444	329.43	329.43
NEW JERSEY	821	3,308	11,039	5,806	175.51	NEW MEXICO	190	863	21,192	21,192	41,398	41,398
NEW MEXICO	3,366	2,798	2,277	1,924	68.76	NEW YORK	2,009	6,558	5,279	29,900	195.35	195.35
NEW YORK	6,435	9,851	4,194	37,408	379.74	NORTH CAROLINA	658	5,279	21,927	21,927	6,998	132.56
NORTH CAROLINA	3,845	8,311	5,322	9,114	109.66	NORTH DAKOTA	129	425	9,026	9,026	224.24	224.24
NORTH DAKOTA	5,406	1,738	881	50,81	883	OHIO	1,587	7,693	13,281	23,108	300.38	300.38
OHIO	5,045	9,142	4,962	10,752	117.61	OKLAHOMA	432	2,010	12,747	2,606	129.65	129.65
OKLAHOMA	4,874	5,466	3,072	5743	1,520	OREGON	400	2,600	17,808	5,902	227.00	227.00
OREGON	4,663	4,975	3,923	5,328	107.10	PENNSYLVANIA	2,140	18,652	23,879	27,664	148.32	148.32
PENNSYLVANIA	7,773	14,532	5,122	20,559	141.47	RHODE ISLAND	235	312	3,837	2,013	645.19	645.19
RHODE ISLAND	161	325	5,331	239	73.54	SOUTH CAROLINA	713	4,127	15,838	7,948	181.68	181.68
SOUTH CAROLINA	4,958	7,097	3,322	5,061	83.99	SOUTH DAKOTA	110	437	10,884	1,153	263.84	263.84
SOUTH DAKOTA	5,691	2,163	1,044	1,174	54,28	TEXAS	884	5,817	18,028	14,070	241.45	241.45
TEXAS	5,227	7,677	4,024	8,586	111.84	UTAH	1,847	16,744	24,837	27,934	166.83	166.83
UTAH	14,859	21,065	3,984	15,024	71.32	VIRGINIA	102	1,202	13,430	9,954	190.80	190.80
VIRGINIA	4,755	1,611	1,750	1,933	98.88	VIRGINIA	605	4,286	19,409	9,503	221.82	221.82
WASHINGTON	9,395	5,113	11,378	12,111	12.78	WASHINGTON	645	4,413	18,745	5,382	121.96	121.96
WEST VIRGINIA	4,394	5,074	3,164	5,045	99.43	WEST VIRGINIA	193	950	13,486	2,289	240.84	240.84
WISCONSIN	8,249	3,190	2,258	3,180	6,159	WISCONSIN	935	5,032	14,745	10,257	203.84	203.84
WYOMING	2,854	1,438	1,380	855	59.46	WYOMING	127	407	8,780	727	178.62	178.62
SUBTOTAL	208,058	256,236	3,374	289,714	113.07	SUBTOTAL	27,651	213,660	21,170	404,070	189.12	189.12
INCOMPLETE DATA						INCOMPLETE DATA						
FLORIDA						FLORIDA						
INDIANA						INDIANA						
MASSACHUSETTS						MASSACHUSETTS						
MISSOURI						MISSOURI						
VERMONT						VERMONT						

1/ NONFATALLY INJURED PERSONS PER 100 MILLION VEHICLE MILES.

TABLE 6-C. NONFATALLY INJURED PERSONS BY STATE AND HIGHWAY SYSTEM - 1986

FEDERAL-AID URBAN HIGHWAYS

STATE	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	ARTERIAL		STATE	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	COLLECTOR		NUMBER	RATE <i>✓</i>
			DAILY VEHICLE MILES PER MILE	NONFATALLY INJURED PERSONS NUMBER				DAILY VEHICLE MILES PER MILE	NONFATALLY INJURED PERSONS NUMBER		
COMPLETE DATA											
ALABAMA	1,515	3,775	6,827	5,822	154.23	1,230	1,299	2,893	4,552	358.12	
ALASKA	79	504	17,479	1,472	292.06	156	188	3,302	384	20.26	
ARIZONA	2,377	4,704	5,422	18,094	384.65	714	929	3,305	1,699	182.88	
ARKANSAS	12,833	1,543	5,075	2,927	189.70	288	159	1,513	1,269	169.18	
CALIFORNIA	12,319	58,986	13,118	154.217	261.45	4,780	5,725	3,281	12,576	219.67	
COLORADO	1,733	5,760	9,106	15,127	262.62	551	455	2,262	786	172.75	
CONNECTICUT	1,232	4,185	9,307	14,895	355.91	1,726	1,984	3,149	6,663	315.68	
DELAWARE	157	704	12,285	2,037	289.35	148	294	5,442	635	215.99	
GEORGIA	2,142	6,612	8,457	13,956	211.07	1,826	2,289	3,434	4,151	181.35	
HAWAII	140	825	16,145	3,120	378.18	1,178	424	6,526	1,188	280.18	
IDAHO	442	1,178	7,302	2,801	237.78	104	220	2,130	4,600	201.09	
ILLINOIS	3,623	14,415	10,901	44,384	116.90	3,079	5,337	5,337	16,337	271.04	
IOWA	1,447	2,340	4,431	5,064	216.41	9,965	633	1,197	1,654	261.30	
KANSAS	1,084	2,805	7,100	8,196	291.78	484	306	1,732	685	223.86	
KENTUCKY	1,050	3,703	9,308	10,111	273.05	1,761	1,191	4,288	2,511	210.83	
LOUISIANA	1,322	3,935	8,155	11,076	291.47	763	896	3,217	300	33.48	
MAINE	347	801	984	7,769	302.24	360	341	2,395	890	26.00	
MARYLAND	1,438	15,263	26,703	333.33	333.33	686	1,377	5,999	4,704	341.61	
MICHIGAN	4,257	15,657	10,077	11,427	72.98	1,153	2,069	4,916	2,777	134.22	
MINNESOTA	1,552	15,694	10,052	12,164	213.63	640	696	2,979	1,381	198.42	
MISSISSIPPI	942	1,986	5,776	5,144	259.01	749	627	2,293	1,652	263.48	
MISSOURI	231	520	6,167	484	503.08	501	501	1,173	1,173	198.85	
NEBRASKA	649	1,811	7,645	6,222	343.57	404	441	2,819	441	311.06	
NEVADA	465	2,227	13,121	8,154	366.14	92	168	5,003	298	177.38	
NEW HAMPSHIRE	385	986	7,017	2,358	239.15	337	303	2,463	729	239.27	
NEW JERSEY	3,539	14,505	11,230	66,928	461.37	1,808	2,958	4,482	13,218	446.86	
NEW MEXICO	463	1,997	11,817	7,059	391.04	1,143	1,280	5,364	5,531	189.64	
NEW YORK	5,173	20,730	10,979	66,904	322.74	1,529	4,831	3,351	7,557	154.36	
NORTH DAKOTA	260	432	4,552	937	216.90	203	173	2,335	384	221.97	
OHIO	3,617	10,354	7,843	42,117	406.77	4,108	3,786	2,225	17,884	47.37	
OKLAHOMA	2,237	6,188	7,579	11,636	188.04	741	741	2,455	163.55		
OREGON	1,052	3,126	8,027	12,434	397.76	916	981	2,934	3,353	341.79	
PENNSYLVANIA	3,833	8,744	6,250	2,118	310.13	3,150	4,293	3,334	4,850	112.97	
RHODE ISLAND	493	2,075	11,531	3,793	182.80	446	249	1,530	886	355.82	
RODHE ISLAND	637	2,354	10,125	5,418	230.16	532	770	3,365	1,336	184.49	
SOUTH DAKOTA	280	351	3,434	694	197.72	1,759	65	1,799	130	200.00	
TEXAS	1,325	5,105	10,556	14,931	292.48	1,759	2,031	3,163	4,896	241.06	
TEXAS	6,035	23,174	10,538	34,507	148.90	6,027	1,624	2,872	2,231	14.22	
UTAH	533	2,711	13,935	8,783	323.98	1,337	770	5,451	2,201	285.84	
VIRGINIA	2,010	9,706	13,230	25,727	265.06	1,682	1,790	3,668	4,674	26.12	
WASHINGTON	2,216	8,176	10,108	13,508	165.22	4,400	4,688	3,385	4,066	195.67	
WEST VIRGINIA	385	1,156	8,226	3,348	289.62	1,226	1,226	3,205	528	112.82	
WISCONSIN	2,061	5,501	7,313	5,458	99.22	810	689	2,330	1,220	177.07	
WYOMING	241	407	4,627	550	135.14	270	196	1,989	298	152.04	
SUBTOTAL	78,196	280,647	9,833	741,527	264.22	46,313	57,795	3,419	137,964	238.71	
INCOMPLETE DATA											
DIST. OF COL.											
FLORIDA											
INDIANA											
MASSACHUSETTS											
MISSOURI											
NORTH CAROLINA											
VERMONT											
NONFATAL INJURED PERSONS PER 100 MILLION VEHICLE MILES											

**TABLE 6-D. NONFATAL INJURED PERSONS
BY STATE AND HIGHWAY SYSTEM - 1986
FEDERAL-AID SECONDARY HIGHWAYS**

STATE	COLLECTOR, RURAL				
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATAL INJURED PERSONS	
				NUMBER	RATE 1/
COMPLETE DATA					
ALABAMA	11,405	4,045	972	2,256	55.77
ALASKA	1,851	470	696	469	99.79
ARIZONA	3,299	1,731	1,438	1,349	77.93
ARKANSAS	7,173	1,502	574	1,172	78.03
CALIFORNIA	11,088	7,244	1,790	27,109	374.23
COLORADO	3,411	1,205	968	1,417	117.59
CONNECTICUT	902	1,167	3,545	1,944	166.58
DELAWARE	602	547	2,489	762	139.31
DIST. OF COL.	-	-	-	-	-
GEORGIA	13,996	5,325	1,042	7,695	144.51
HAWAII	450	414	2,521	614	148.31
IDAHO	4,191	977	639	1,396	142.89
ILLINOIS	12,938	3,924	831	5,760	146.79
IOWA	13,490	2,216	450	2,255	101.76
KANSAS	22,611	2,454	297	2,576	104.97
KENTUCKY	7,252	4,351	1,644	7,604	174.76
LOUISIANA	7,351	4,732	1,764	8,975	189.67
MAINE	2,730	1,507	1,512	1,945	129.06
MARYLAND	1,894	1,885	2,727	4,826	256.02
MICHIGAN	16,986	7,336	1,183	1,000	13.63
MINNESOTA	16,640	3,446	567	3,465	100.55
MISSISSIPPI	11,726	2,957	691	2,621	88.64
MONTANA	4,691	456	266	523	114.69
NEBRASKA	11,434	1,160	278	1,300	112.07
NEVADA	2,315	813	962	792	97.42
NEW HAMPSHIRE	1,230	867	1,931	981	113.15
NEW JERSEY	1,722	2,923	4,651	5,498	188.09
NEW MEXICO	3,951	1,262	875	1,648	130.59
NEW YORK	6,306	4,978	2,163	21,531	432.52
NORTH CAROLINA	10,297	9,921	2,640	12,272	123.70
NORTH DAKOTA	10,535	742	193	514	69.27
OHIO	11,610	8,246	1,946	12,586	152.63
OKLAHOMA	11,178	3,579	877	2,227	62.22
OREGON	7,791	1,861	654	3,280	176.25
PENNSYLVANIA	8,039	5,463	1,862	9,524	174.34
RHODE ISLAND	197	116	1,613	177	152.59
SOUTH CAROLINA	8,517	4,047	1,302	4,144	102.40
SOUTH DAKOTA	10,993	769	192	684	88.95
TENNESSEE	5,471	2,708	1,356	4,317	159.42
TEXAS	32,623	13,480	1,132	15,006	111.32
UTAH	2,604	685	721	777	113.43
VIRGINIA	10,206	5,739	1,541	10,264	178.85
WASHINGTON	7,205	4,407	1,676	13,641	309.53
WEST VIRGINIA	6,360	3,439	1,481	6,907	200.84
WISCONSIN	12,409	3,436	759	7,906	230.09
WYOMING	2,293	409	489	349	85.33
SUBTOTAL	361,963	140,941	1,067	224,058	158.97
INCOMPLETE DATA					
FLORIDA					
INDIANA					
MASSACHUSETTS					
MISSOURI					
VERMONT					

1/ NONFATAL INJURED PERSONS PER 100 MILLION VEHICLE MILES.

TABLE 6-E. NONFATAL INJURED PERSONS BY STATE AND HIGHWAY SYSTEM - 1986

NONFEDERAL-AND ARTERIAL HIGHWAYS

STATE	RURAL			URBAN			NONFATALLY INJURED PERSONS NUMBER	NONFATALLY INJURED PERSONS RATE ^{1/}
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	STATE	HIGHWAY MILES	DAILY VEHICLE MILES PER MILE		
COMPLETE DATA	-	1	2,740	-	0	0.00	COMPLETE DATA	474
ALABAMA	-	-	-	-	-	-	ALABAMA	222
ALASKA	17	19	3,062	14	73.68	0.00	ALASKA	1
ARIZONA	362	194	1,468	76	39.18	0.00	ARKANSAS	26
ARKANSAS	16	16	2,740	97	60.62	0.00	CALIFORNIA	411
CALIFORNIA	5	2	1,096	0	180.00	0.00	COLORADO	1,287
COLORADO	9	20	6,088	36	180.00	0.00	CONNECTICUT	27
CONNECTICUT	1	1	2,740	0	0.00	0.00	DELAWARE	4
DELAWARE	-	-	-	-	-	-	DELAWARE	1
DIST. OF C.OL.	-	-	-	-	-	-	GEORGIA	11
GEORGIA	10	19	5,205	0	0.00	0.00	HAWAII	13
HAWAII	-	1	2,740	4	40.00	0.00	IDAHO	2
IDAH0	-	-	-	-	-	-	ILLINOIS	54
ILLINOIS	-	-	-	-	-	-	IOWA	40
INDIANA	-	-	-	-	-	-	KANSAS	9
INDIANA	-	-	-	-	-	-	KENTUCKY	-
LOWA	-	-	-	-	-	-	Louisiana	292
KANSAS	48	68	3,881	39	57.35	0.00	MAINE	14
KENTUCKY	-	-	-	-	-	-	MARYLAND	9
LOUISIANA	9	23	7,002	9	39.13	0.00	MICHIGAN	5
MAINE	40	140	9,589	79	56.43	0.00	MINNESOTA	807
MARYLAND	-	-	-	-	-	-	MISSISSIPPI	-
MASSACHUSETTS	-	-	-	-	-	-	MISSISSIPPI	33
MICHIGAN	-	-	-	-	-	-	MISSOURI	36
MINNESOTTA	-	-	-	-	-	-	MISSOURI	36
MISSISSIPPI	250	54	592	15	27.78	0.00	NEBRASKA	-
MISSISSIPPI	51	19	1,021	1	5.26	0.00	NEVADA	25
NEBRASKA	-	-	-	-	-	-	NEW HAMPSHIRE	18
NEVADA	-	-	-	-	-	-	NEW JERSEY	266
NEW HAMPSHIRE	23	134	15,962	46	34.33	0.00	NEW MEXICO	51
NEW JERSEY	113	816	19,784	972	119.12	0.00	NEW YORK	118
NEW MEXICO	-	-	-	-	-	-	NORTH DAKOTA	5
NEW YORK	-	-	-	-	-	-	NEVERA	-
NORTH DAKOTA	2	1	1,370	0	0.00	-	OKLAHOMA	4
OHIO	-	-	-	-	-	-	OKLAHOMA	167
OKLAHOMA	-	-	-	-	-	-	PENNSYLVANIA	69
OREGON	185	305	3,747	44	14.43	0.00	RHODE ISLAND	-
PAENNSYLVANIA	-	122	1,807	126	103.28	0.00	SOUTH CAROLINA	260
RHODE ISLAND	-	-	-	-	-	-	SOUTH OKLAHOMA	10
SOUTH CAROLINA	-	-	-	-	-	-	TENNESSEE	-
TENNESSEE	-	-	-	-	-	-	TEXAS	-
UTAH	-	-	-	-	-	-	UTAH	25.00
VERMONT	-	-	-	-	-	-	VERMONT	41
VIRGINIA	310	303	2,678	1	0.33	0.00	VIRGINIA	124
WASHINGTON	-	-	-	-	-	-	WASHINGTON	680
WEST VIRGINIA	-	-	-	-	-	-	WEST VIRGINIA	11
WISCONSIN	1	1	2,740	0	0.00	-	WISCONSIN	-
WYOMING	248	108	1,193	93	86.11	0.00	WYOMING	3
SUBTOTAL	1,943	2,384	3,362	1,654	6,767	18,457	INCOMPLETE DATA DIST. OF C.OL. FLORIDA INDIANA MASSACHUSETTS MISSOURI NORTH CAROLINA	6,36
INCOMPLETE DATA FLORIDA MISSOURI NORTH CAROLINA								

^{1/} NONFATALLY INJURED PERSONS PER 100 MILLION VEHICLE MILES.

TABLE 6-F. NONFATAL INJURED PERSONS BY STATE AND HIGHWAY SYSTEM - 1986
NONFEDERAL-AID COLLECTOR HIGHWAYS

STATE	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATALLY INJURED PERSONS		STATE HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATALLY INJURED PERSONS				
				NUMBER	RATE λ^*				NUMBER	RATE λ^*			
COMPLETE DATA				COMPLETE DATA									
ALABAMA	7,010	1,030	403	644	62.52	464	481	2,840	1,720	357.59			
ALASKA	881	155	482	229	147.74	54	63	3,196	95	150.79			
ARIZONA	4,328	770	487	316	41.04	380	570	4,110	1,379	241.93			
ARKANSAS	11,794	1,650	383	1,230	74.55	704	296	1,152	412	139.19			
CALIFORNIA	11,693	3,028	709	15,678	517.77	2,627	3,083	3,215	7,301	236.81			
COLORADO	15,976	2,233	2,588	1,582	158.27	613	514	2,297	1,793	348.83			
CONNECTICUT	1,193	524	1,213	990	188.93	188	220	3,206	472	214.55			
DELAWARE	158	65	1,127	134	206.15	22	19	2,386	33	173.68			
01ST. OF COLO.	-	-	-	-	-	1	1	2,440	0	0.00			
GEORGIA	7,300	783	294	1,774	226.56	HAWAII	4	9	6,164	0			
HAWAII	1,156	176	3,091	1,1	0.57	10AH	106	82	2,119	130	158.54		
IDAHO	4,661	450	265	139	30.89	ILLINOIS	191	185	2,654	574	310.27		
ILLINOIS	4,882	1,194	1,913	1,160	22.22	IOWA	191	173	440	1,501	197.50		
IOWA	16,392	662	1,715	1,111	259.06	KANSAS	295	331	3,074	877	264.95		
KANSAS	9,404	270	79	306	113.33	KENTUCKY	130	104	2,192	328	315.38		
KENTUCKY	9,352	1,728	506	3,380	195.60	LOUISIANA	354	366	2,833	38	10.38		
LOUISIANA	4,298	1,322	843	2,201	166.49	MAINE	32	19	1,627	39	205.26		
MAINE	2,802	840	821	1,471	175.12	MARYLAND	491	590	3,292	1,144	193.90		
MARYLAND	1,898	721	1,041	1,717	238.14	MICHIGAN	1,609	1,379	2,348	874	63.38		
MICHIGAN	7,895	1,490	517	15,088	1,012.62	MINNESOTA	1,227	1,705	3,807	3,948	231.55		
MINNESOTA	11,875	1,015	234	1,075	105.91	MISSISSIPPI	2	1	1,370	0.00			
MISSISSIPPI	2,941	275	226	136	49.45	MONTANA	120	61	1,393	19	31.15		
MONTANA	11,346	714	172	395	55.32	NEBRASKA	-	-	-	-	-		
NEBRASKA	9,249	283	84	513	181.27	NEVADA	339	374	3,023	898	240.11		
NEVADA	2,465	134	149	162	120.90	NEW HAMPSHIRE	7	3	1,774	894	133.33		
NEW HAMPSHIRE	1,244	333	733	438	131.53	NEW JERSEY	95	156	4,999	298	191.03		
NEW JERSEY	1,287	927	1,073	1,844	198.92	NEW MEXICO	96	79	2,555	1,266	1,678.48		
NEW MEXICO	2,559	269	1,269	1,224	168.92	NEW YORK	386	201	1,427	664	330.35		
NEW YORK	10,406	4,408	1,118	19,198	435.53	NORTH DAKOTA	29	15	1,417	19	126.67		
NORTH DAKOTA	8,053	231	231	779	173	OHIO	-	-	-	-	-		
OHIO	7,324	2,200	823	3,626	174.89	OKLAHOMA	462	284	1,684	502	176.76		
OKLAHOMA	13,319	1,403	346	3,232	164.82	OREGON	197	201	2,795	296	147.26		
OREGON	9,040	1,143	582	582	50.92	PENNSYLVANIA	-	-	-	-	-		
PENNSYLVANIA	8,673	2,437	770	4,756	195.16	RHODE ISLAND	-	-	-	-	-		
RHOE ISLAND	1,433	51	977	57	111.76	SOUTH CAROLINA	624	379	1,664	721	190.24		
SOUTH CAROLINA	4,015	607	414	512	84.35	SOUTH DAKOTA	52	64	3,372	118	184.38		
SOUTH DAKOTA	7,336	161	165	60	102.48	TENNESSEE	5	1	3,48	0.00	0.00		
TENNESSEE	10,770	1,937	493	2,820	145.59	TEXAS	3,902	4,621	3,445	89	131.93		
TEXAS	20,612	2,339	311	2,379	101.71	UTAH	91	41	1,234	116	282.93		
UTAH	4,736	233	125	2,96	122.04	VERMONT	-	-	-	-	-		
VIRGINIA	2,402	406	463	956	235.47	VIRGINIA	-	-	-	-	-		
WASHINGTON	6,522	1,304	548	5,049	387.19	WASHINGTON	27	8	812	0	0.00		
WEST VIRGINIA	2,173	336	424	562	167.26	WEST VIRGINIA	3	5	4,566	1	20.00		
WISCONSIN	7,236	923	349	1,106	163.16	WISCONSIN	545	459	2,027	861	187.58		
WYOMING	7,583	416	150	213	51.20	WYOMING	18	12	1,826	0	0.00		
SUBTOTAL	295,782	42,916	398	99,604	232.09	SUBTOTAL	16,565	17,022	2,815	27,168	159.61		
INCOMPLETE DATA						INCOMPLETE DATA							
FLORIDA						01ST. OF COL.							
INDIANA						FLORIDA							
MASSACHUSETTS						INDIANA							
MISSOURI						MASSACHUSETTS							
NORTH CAROLINA						MISSOURI							
VERMONT						NORTH CAROLINA							

* NONFATALLY INJURED PERSONS PER 100 MILLION VEHICLE MILES.

TABLE 6-G. NONFATAL INJURED PERSONS BY STATE AND HIGHWAY SYSTEM - 1986

NONFEDERAL-AID LOCAL HIGHWAYS

STATE	RURAL			URBAN		
	HIGHWAY MILES	VEHICLE MILES (MILLIONS)	DAILY VEHICLE MILES PER MILE	NONFATALLY INJURED PERSONS		NONFATALLY INJURED PERSONS NUMBER
				NUMBER	RATE $\frac{1}{M}$	
COMPLETE DATA	48,459	3,024	171	4,984	164.81	9,614
ALABAMA	7,146	404	155	1,209	299.26	44
ALASKA	5,715	1,613	81	4,112	254.93	4,666
ARIZONA	44,971	1,045	64	1,064	101.82	364.04
CALIFORNIA	73,912	7,337	272	22,935	312.59	2,041
COLORADO	41,375	7,80	52	1,625	208.33	125.48
CONNECTICUT	6,025	865	393	1,776	208.32	96.15
DELAWARE	2,695	427	434	1,049	245.67	3,00
DIST. OF C. O.	-	-	-	-	-	96.12
GEORGIA	55,975	2,820	138	4,908	171.03	1,054
HAWAII	1,650	484	804	4,489	101.03	941
IDAH	57,154	1,026	49	1,760	171.54	902
ILLINOIS	76,707	3,313	118	3,325	190.91	902
IOWA	65,205	1,438	60	2,572	178.86	892
KANSAS	83,473	1,225	40	2,796	228.24	892
KENTUCKY	41,575	1,894	125	4,197	221.59	892
Louisiana	31,163	2,037	179	6,946	340.99	839
MAINE	11,885	864	199	2,764	319.91	829
MARYLAND	10,425	1,098	289	2,960	269.58	829
MICHIGAN	58,866	2,411	112	22,498	933.14	828
MINNESOTA	80,750	2,324	79	1,035	44.54	828
MISSISSIPPI	43,947	2,164	135	2,408	111.28	828
Montana	46,825	1,763	45	8,447	110.14	828
NEBRASKA	59,201	1,173	54	2,101	179.11	828
NEVADA	34,126	268	22	2,44	91.04	828
NEW HAMPSHIRE	8,493	488	157	1,447	296.52	828
NEW JERSEY	7,563	847	307	3,155	372.49	828
NEW MEXICO	37,559	764	56	1,680	219.90	828
NEW YORK	48,517	3,862	218	32,893	85.71	828
NORTH DAKOTA	59,954	7,027	33	6,627	86.84	828
OHIO	57,500	9,067	432	9,581	105.67	828
OKLAHOMA	68,277	1,756	70	3,973	226.25	828
OREGON	63,825	1,437	62	1,151	80.10	828
PENNSYLVANIA	60,946	5,421	244	10,327	190.50	828
RHOE ISLAND	1,098	3,00	749	3,66	22.00	828
SOUTH CAROLINA	35,818	1,856	142	3,082	166.06	828
SOUTH DAKOTA	47,073	5,543	32	7,58	139.59	828
TENNESSEE	47,125	1,548	90	7,461	481.98	828
TEXAS	142,108	4,311	83	17,319	401.74	828
VIRGINIA	34,035	4,98	40	1,350	271.08	828
WASHINGTON	43,040	2,919	242	5,527	189.35	828
WEST VIRGINIA	46,410	502	30	7,613	1,516.53	828
WISCONSIN	20,993	764	100	4,258	557.33	828
WYOMING	66,234	2,223	92	5,745	258.43	828
SUBTOTAL	1,948,151	80,881	114	222,219	274.75	828
INCOMPLETE DATA						828
FLORIDA						828
INDIANA						828
MASSACHUSETTS						828
MISSOURI						828
NORTH CAROLINA						828
VERMONT						828

¹ NONFATALLY INJURED PERSONS PER 100 MILLION VEHICLE MILES.

SECTION III--OTHER RATES

A. Highway Mileage

Vehicle mileage rates for the United States, listed in Table 1, are the most common measure of safety performance. For some purposes, rates per mile of highway may be more useful. These are listed in Table 7. Note that, because of the concentration of travel on highway systems with the fewest fatalities per vehicle mile, highways on these systems tend to have the highest number of fatalities per highway mile.

B. Population

Population rates are most useful for comparing motor vehicle accidents with other public health problems. In 1985, only heart disease, cancer and stroke were responsible for more deaths, according to the National Center for Health Statistics. State rates per thousand residents are listed in Table 8 for fatal and nonfatal injury accidents, fatalities, and nonfatally injured persons.

C. Licensed Drivers

The number of accidents per licensed driver reflects both the care with which drivers operate their vehicles and the amount of travel under various conditions. State accident, fatality, and injury rates per licensed driver are listed in Table 9.

D. Registered Vehicles

As is the case with licensed drivers, the number of accidents per registered vehicle is affected both by the care with which the vehicle is driven and the amount of travel under various conditions. State rates per registered vehicle are listed in Table 10.

TABLE 7. U.S. HIGHWAY-MILE RATES BY HIGHWAY SYSTEM - 1986¹

HIGHWAY SYSTEM	HIGHWAY MILES ^{2/}	VEHICLE MILES (MILLIONS) ^{2/}	DAILY VEHICLE MILES PER MILE	FATAL ACCIDENTS		NONFATAL INJURY ACCIDENTS ^{4/}		INJURED PERSONS ^{4/}	
				NUMBER	RATE ^{3/}	NUMBER	RATE ^{3/}	NUMBER	RATE ^{3/}
INTERSTATE (ARTERIAL)									
RURAL	32,784	159,477	13,327	1,808	55.15	36,858	1,124.3	64,42	56,889
URBAN	11,060	231,177	57,266	1,908	172.51	107,472	9,717.2	193.40	162,138
TOTAL	43,844	390,654	24,411	3,716	84.76	144,330	3,291.9	96.96	221,027
OTHER FEDERAL-A10 PRIMARY (ARTERIAL)									
RURAL	226,416	286,046	3,461	8,570	37.85	194,552	10,171	44.92	326,992
URBAN	322,973	251,425	20,891	4,014	121.74	317,042	5,615.2	133.65	489,457
TOTAL	259,389	537,471	5,677	12,584	48.51	511,594	1,972.3	56.21	816,449
FEDERAL-A10 URBAN ARTERIAL COLLECTOR									
TOTAL (ALL URBAN)	90,461	326,528	9,889	7,351	81.26	569,489	6,295.4	7,931	87.67
70,812	326,528	3,486	1,292	23.21	107,365	1,928.9	1,380	24.79	863,633
397,340	7,456	8,643	7,456	59.15	676,854	4,632.1	9,311	63.72	1,018,868
FEDERAL-A10 SECONDARY (COLLECTOR)									
TOTAL (ALL RURAL)	146,121	157,351	1,083	5,914	14.61	154,824	4,144.2	6,653	16.72
NON-FEDERAL-A10 ARTERIAL									
RURAL	2,547	4,102	4,412	102	40.05	1,761	691.4	133	52.22
URBAN	8,643	24,024	7,615	400	46.28	19,041	2,203.1	437	50.56
TOTAL	11,190	28,126	6,886	502	44.86	20,802	1,859.0	570	50.94
NON-FEDERAL-A10 COLLECTOR									
RURAL	329,799	50,767	422	1,752	5.31	80,784	244.9	1,969	5.97
URBAN	19,290	19,709	2,799	3,09	16.02	20,024	1,038.1	332	17.21
TOTAL	349,089	70,476	553	2,061	5.90	100,808	288.8	2,301	6.59
NON-FEDERAL-A10 LOCAL									
RURAL	2,188,664	92,332	116	4,276	1.95	197,678	90.3	4,711	2.15
URBAN	483,327	16,490	932	3,66	7.17	436,810	903.8	3,680	7.61
TOTAL	2,671,991	256,822	263	7,742	2.90	634,488	237.5	8,391	3.14
ALL FEDERAL-A10									
RURAL	657,114	602,874	2,514	16,192	24.64	396,234	603.0	18,936	28.82
URBAN	190,154	879,942	12,678	14,565	76.60	1,101,368	5,792.0	15,858	83.40
TOTAL	847,268	1,482,816	4,795	30,757	36.30	1,497,602	1,767.6	34,794	41.07
ALL NON-FEDERAL-A10									
RURAL	2,521,010	147,201	160	6,130	2.43	280,223	111.2	6,813	2.70
URBAN	511,260	208,223	1,116	4,175	8.17	475,875	4,449	8,70	8.70
TOTAL	3,032,270	355,424	321	10,305	3.40	756,098	249.4	11,262	3.71
NON-INTERSTATE									
RURAL	3,145,340	590,598	514	20,514	6.52	639,599	203.3	23,637	7.51
URBAN	630,354	856,988	3,401	16,832	24.38	1,469,771	2,129.0	18,168	26.32
TOTAL	3,835,694	1,447,586	1,034	37,346	9.74	2,109,370	549.3	41,805	10.90
TOTAL									
RURAL	3,178,124	750,075	647	22,322	7.02	676,457	212.8	25,749	8.10
URBAN	701,414	1,088,165	4,250	18,740	26.72	1,577,243	2,246.7	20,307	28.95
TOTAL	3,879,538	1,838,240	1,298	41,062	10.58	2,253,700	580.9	46,056	11.87

^{1/} U.S. ESTIMATES EXCLUDE THE COMMONWEALTH OF PUERTO RICO AND THE TERRITORIES OF AMERICAN SAMOA, GUAM, AND VIRGIN ISLANDS. ESTIMATES FOR FATAL ACCIDENTS, FATALITIES, NONFATAL INJURY ACCIDENTS AND NONFATAL INJURE PERSONS ARE BASED ON THE PARTIAL DATA REPORTED BY STATES WHICH ARE DISPLAYED IN THE FOLLOWING TABLES, TOGETHER WITH TOTALS REPORTED BY MOST STATES.

^{2/} MILEAGE AND TRAVEL DATA ARE FROM THE HIGHWAY PERFORMANCE MONITORING SYSTEM (HPMS) FOR 1986. FEDERAL-A10 HIGHWAY MILEAGE IS FROM HPMS UNIVERSE DATA AS OF SEPTEMBER 30, 1987 AND VEHICLE-MILES

OF TRAVEL ARE FROM THE HPMS AREAWIDE SUMMARY TABLES AS OF SEPTEMBER 30, 1987. FEDERAL HIGHWAY ADMINISTRATION ESTIMATES WERE MADE FOR MAJOR HIGHWAY CATEGORIES WHERE COMPLETE FUNCTIONAL OR FEDERAL-AID SYSTEM DATA WERE NOT REPORTED.

^{3/} RATES ARE PER 1000 HIGHWAY MILES.

^{4/} TOTALS OF NONFATAL INJURY ACCIDENTS AND NONFATALLY INJURED PERSONS WERE ESTIMATED BY FHWA FOR THE DISTRICT OF COLUMBIA, FLORIDA, INDIANA, MASSACHUSETTS, COLUMBIA, FLORIDA, INDIANA, MASSACHUSETTS, AND VERMONT.

**TABLE 8. FATAL AND INJURY ACCIDENT DATA
RELATED TO POPULATION - 1986**

STATE	POPULATION		RATES PER THOUSAND PERSONS			
	NUMBER (THOUSANDS)	VEHICLE MILES PER CAPITA	FATAL ACCIDENT RATE	FATALITY RATE	NONFATAL INJURY ACCIDENT RATE	NONFATAL INJURY RATE
ALABAMA	4,052	8,392	0.24	0.27	7.20	10.50
ALASKA	534	7,506	0.17	0.19	6.88	10.17
ARIZONA	3,319	6,829	0.27	0.30	7.84	12.21
ARKANSAS	2,372	7,401	0.22	0.25	3.66	6.50
CALIFORNIA	26,981	7,965	0.17	0.19	8.64	12.87
COLORADO	3,267	8,075	0.16	0.18	8.53	12.67
CONNECTICUT	3,189	7,542	0.13	0.14	11.09	15.52
DELAWARE	633	9,103	0.19	0.21	9.47	14.20
DIST. OF COL.	626	5,251	0.07	0.07	1/ 0.00	1/ 0.00
FLORIDA	11,675	7,475	0.22	0.24	1/ 0.00	1/ 0.00
GEORGIA	6,104	9,311	0.23	0.25	8.67	13.21
HAWAII	1,062	6,564	0.10	0.11	6.83	12.14
IDAHO	1,002	7,765	0.22	0.26	7.17	10.95
ILLINOIS	11,552	6,418	0.13	0.14	10.63	15.93
INDIANA	5,504	7,409	0.17	0.19	1/ 0.00	1/ 0.00
IOWA	2,851	7,160	0.14	0.15	6.50	9.35
KANSAS	2,460	8,057	0.17	0.20	8.53	13.07
KENTUCKY	3,729	7,844	0.19	0.22	8.32	12.56
LOUISIANA	4,501	6,634	0.18	0.21	8.79	14.52
MAINE	1,173	8,544	0.16	0.18	10.04	14.60
MARYLAND	4,463	7,889	0.16	0.18	1/ 11.40	1/ 18.59
MASSACHUSETTS	5,832	6,986	0.12	0.13	1/ 0.00	1/ 0.00
MICHIGAN	9,145	7,871	0.16	0.17	11.62	17.21
MINNESOTA	4,214	8,022	0.12	0.14	6.54	9.44
MISSISSIPPI	2,625	7,324	0.26	0.29	1/ 5.02	1/ 9.43
MISSOURI	5,066	8,206	0.19	0.22	1/ 0.00	1/ 0.00
MONTANA	819	9,447	0.24	0.27	6.25	9.57
NEBRASKA	1,598	7,904	0.16	0.18	8.45	12.40
NEVADA	963	8,293	0.21	0.24	10.23	15.65
NEW HAMPSHIRE	1,027	7,705	0.16	0.17	7.11	9.69
NEW JERSEY	7,619	7,265	0.12	0.14	12.44	19.30
NEW MEXICO	1,479	8,905	0.29	0.34	10.79	16.46
NEW YORK	17,772	5,330	0.11	0.12	10.90	15.86
NORTH CAROLINA	6,333	8,348	0.24	0.26	11.24	17.87
NORTH DAKOTA	679	8,295	0.13	0.15	5.41	8.00
OHIO	10,752	7,566	0.14	0.16	10.43	16.63
OKLAHOMA	3,305	9,329	0.18	0.21	6.80	10.42
OREGON	2,698	8,429	0.20	0.23	9.11	14.36
PENNSYLVANIA	11,888	6,531	0.14	0.16	8.24	12.46
RHODE ISLAND	975	5,568	0.12	0.13	8.15	9.32
SOUTH CAROLINA	3,377	8,365	0.28	0.31	6.77	10.27
SOUTH DAKOTA	708	8,811	0.17	0.19	5.80	8.49
TENNESSEE	4,803	8,228	0.23	0.26	9.56	14.16
TEXAS	16,685	8,891	0.19	0.21	9.26	14.03
UTAH	1,665	7,267	0.17	0.19	1/ 8.28	1/ 12.65
VERMONT	541	8,832	0.17	0.20	1/ 0.00	1/ 0.00
VIRGINIA	5,787	8,938	0.17	0.19	9.21	13.99
WASHINGTON	4,462	8,067	0.15	0.16	10.33	14.95
WEST VIRGINIA	1,918	6,872	0.20	0.23	9.15	14.02
WISCONSIN	4,785	8,031	0.14	0.16	8.68	12.65
WYOMING	507	10,598	0.29	0.33	6.44	9.95
U.S. TOTAL	241,076	7,625	0.17	0.19	2/ 9.35	3/ 14.14

1/ RATE COULD NOT BE COMPUTED BECAUSE DATA WAS NOT REPORTED OR WAS NOT USABLE.

2/ THE RATE IS BASED ON THE ESTIMATED U. S. TOTAL OF NONFATAL INJURY ACCIDENTS FROM TABLE 2.

3/ THE RATE IS BASED ON THE ESTIMATED U. S. TOTAL OF NONFATAL INJURED PERSONS FROM TABLE 2.

**TABLE 9. FATAL AND INJURY ACCIDENT DATA
RELATED TO LICENSED DRIVERS - 1986**

STATE	LICENSED DRIVERS		RATES PER THOUSAND DRIVERS			
	NUMBER (THOUSANDS)	VEHICLE MILES PER DRIVER	FATAL ACCIDENT RATE	FATALITY RATE	NONFATAL INJURY ACCIDENT RATE	NONFATAL INJURY RATE
ALABAMA	2,545	13,361	0.38	0.42	11.47	16.71
ALASKA	310	12,929	0.29	0.33	11.85	17.52
ARIZONA	2,163	10,479	0.41	0.46	12.04	18.74
ARKANSAS	1,646	10,665	0.32	0.37	5.27	9.37
CALIFORNIA	18,017	11,928	0.26	0.29	12.93	19.28
COLORADO	2,292	11,510	0.22	0.26	12.16	18.07
CONNECTICUT	2,335	10,301	0.18	0.19	15.15	21.19
DELAWARE	455	12,664	0.26	0.30	13.17	19.76
DIST. OF COLUMBIA	389	8,450	0.11	0.11	1/ 0.00	1/ 0.00
FLORIDA	8,335	10,471	0.30	0.34	1/ 0.00	1/ 0.00
GEORGIA	4,081	13,926	0.34	0.37	12.97	19.76
HAWAII	612	11,391	0.18	0.20	11.85	21.07
IDAHO	684	11,376	0.32	0.38	10.51	16.04
ILLINOIS	7,093	10,453	0.20	0.23	17.32	25.95
INDIANA	3,761	10,843	0.25	0.28	1/ 0.00	1/ 0.00
IOWA	1,884	10,835	0.21	0.23	9.83	14.16
KANSAS	1,652	11,998	0.25	0.30	12.70	19.46
KENTUCKY	2,298	12,729	0.31	0.35	13.50	20.37
LOUISIANA	2,701	11,056	0.30	0.35	14.65	24.20
MAINE	618	12,252	0.23	0.26	14.39	20.93
MARYLAND	2,949	11,939	0.24	0.27	17.25	28.13
MASSACHUSETTS	3,922	10,389	0.17	0.19	1/ 0.00	1/ 0.00
MICHIGAN	6,333	11,366	0.23	0.25	16.78	24.85
MINNESOTA	2,456	13,765	0.21	0.23	11.23	16.20
MISSISSIPPI	1,744	11,024	0.38	0.44	7.55	14.19
MISSOURI	3,430	12,120	0.28	0.33	1/ 0.00	1/ 0.00
MONTANA	591	13,091	0.33	0.38	8.66	13.26
NEBRASKA	1,098	11,503	0.24	0.26	12.30	18.05
NEVADA	708	11,280	0.29	0.33	13.91	21.28
NEW HAMPSHIRE	763	10,371	0.21	0.23	9.57	13.05
NEW JERSEY	5,904	9,375	0.16	0.18	16.05	24.90
NEW MEXICO	1,024	12,862	0.43	0.49	15.59	23.77
NEW YORK	9,947	9,522	0.20	0.21	19.47	28.34
NORTH CAROLINA	4,244	12,457	0.35	0.39	16.77	26.67
NORTH DAKOTA	438	12,858	0.20	0.23	8.39	12.41
OHIO	7,387	11,012	0.20	0.23	15.18	24.21
OKLAHOMA	2,138	14,421	0.28	0.33	10.51	16.11
OREGON	1,944	11,698	0.28	0.32	12.65	19.93
PENNSYLVANIA	7,691	10,094	0.22	0.25	12.74	19.25
RHOODE ISLAND	627	8,659	0.18	0.20	12.67	14.50
SOUTH CAROLINA	2,169	13,024	0.44	0.49	10.53	15.99
SOUTH DAKOTA	485	12,862	0.24	0.28	8.46	12.39
TENNESSEE	3,107	12,720	0.35	0.40	14.79	21.89
TEXAS	11,129	13,330	0.28	0.32	13.88	21.04
UTAH	971	12,461	0.29	0.32	14.21	21.69
VERMONT	397	12,035	0.23	0.27	1/ 0.00	1/ 0.00
VIRGINIA	3,938	13,135	0.25	0.29	13.54	20.55
WASHINGTON	3,029	11,883	0.21	0.23	15.22	22.02
WEST VIRGINIA	1,298	10,155	0.30	0.34	13.53	20.72
WISCONSIN	3,229	11,901	0.20	0.23	12.87	18.75
WYOMING	326	16,482	0.45	0.52	10.02	15.47
U.S. TOTAL	159,486	11,526	0.26	0.29	2/ 14.13	3/ 21.38

1/ RATE COULD NOT BE COMPUTED BECAUSE DATA WAS NOT REPORTED OR WAS NOT USABLE.

2/ THE RATE IS BASED ON THE ESTIMATED U. S. TOTAL OF NONFATAL INJURY ACCIDENTS FROM TABLE 2.

3/ THE RATE IS BASED ON THE ESTIMATED U. S. TOTAL OF NONFATAL INJURED PERSONS FROM TABLE 2.

**TABLE 10. FATAL AND INJURY ACCIDENT DATA
RELATED TO VEHICLE REGISTRATIONS - 1986**

STATE	REGISTERED VEHICLES		RATES PER THOUSAND VEHICLES			
	NUMBER (THOUSANDS)	VEHICLE MILES PER VEHICLE	FATAL ACCIDENT RATE	FATALITY RATE	NONFATAL INJURY ACCIDENT RATE	NONFATAL INJURY RATE
ALABAMA	3,457	9,836	0.28	0.31	8.44	12.30
ALASKA	363	11,041	0.25	0.28	10.12	14.96
ARIZONA	2,346	9,661	0.38	0.43	11.10	17.28
ARKANSAS	1,426	12,311	0.37	0.42	6.09	10.81
CALIFORNIA	19,760	10,876	0.24	0.27	11.79	17.58
COLORADO	2,763	9,548	0.18	0.22	10.08	14.99
CONNECTICUT	2,562	9,388	0.17	0.18	13.80	19.31
DELAWARE	480	12,004	0.25	0.28	12.49	18.73
DIST. OF COLUMBIA	289	11,374	0.15	0.15	1/ 0.00	1/ 0.00
FLORIDA	10,362	8,422	0.25	0.27	1/ 0.00	1/ 0.00
GEORGIA	4,841	11,740	0.28	0.32	10.93	16.66
HAWAII	689	10,118	0.16	0.17	10.53	18.71
IDAHO	857	9,079	0.26	0.30	8.39	12.80
ILLINOIS	7,420	9,992	0.20	0.22	16.56	24.81
INDIANA	4,174	9,770	0.22	0.25	1/ 0.00	1/ 0.00
IOWA	2,638	7,738	0.15	0.17	7.02	10.11
KANSAS	2,176	9,109	0.19	0.23	9.64	14.77
KENTUCKY	2,685	10,895	0.27	0.30	11.55	17.44
LOUISIANA	2,890	10,333	0.28	0.32	13.69	22.62
MAINE	872	11,493	0.22	0.24	13.50	19.64
MARYLAND	3,361	10,475	0.21	0.23	15.14	24.68
MASSACHUSETTS	3,841	10,608	0.18	0.20	1/ 0.00	1/ 0.00
MICHIGAN	6,832	10,536	0.21	0.23	15.55	23.04
MINNESOTA	3,087	10,951	0.16	0.18	8.93	12.89
MISSISSIPPI	1,770	10,862	0.38	0.44	7.44	13.98
MISSOURI	3,683	11,287	0.26	0.31	1/ 0.00	1/ 0.00
MONTANA	673	11,496	0.29	0.33	7.60	11.64
NEBRASKA	1,281	9,859	0.20	0.23	10.54	15.47
NEVADA	769	10,385	0.26	0.30	12.81	19.59
NEW HAMPSHIRE	1,071	7,388	0.15	0.16	6.82	9.30
NEW JERSEY	5,267	10,509	0.18	0.20	17.99	27.91
NEW MEXICO	1,320	9,978	0.33	0.38	12.09	18.44
NEW YORK	9,515	9,954	0.20	0.22	20.36	29.63
NORTH CAROLINA	4,739	11,156	0.31	0.35	15.01	23.88
NORTH DAKOTA	648	8,691	0.14	0.15	5.67	8.39
OHIO	8,159	9,970	0.18	0.21	13.75	21.92
OKLAHOMA	2,902	10,625	0.21	0.24	7.74	11.87
OREGON	2,264	10,045	0.24	0.27	10.86	17.11
PENNSYLVANIA	7,477	10,383	0.23	0.25	13.11	19.80
RHOE ISLAND	632	8,590	0.18	0.20	12.57	14.38
SOUTH CAROLINA	2,304	12,261	0.41	0.46	9.92	15.06
SOUTH DAKOTA	664	9,395	0.18	0.20	6.18	9.05
TENNESSEE	3,932	10,051	0.28	0.31	11.68	17.30
TEXAS	12,407	11,957	0.25	0.29	12.45	18.87
UTAH	1,111	10,891	0.25	0.28	12.42	18.95
VERMONT	418	11,431	0.22	0.26	1/ 0.00	1/ 0.00
VIRGINIA	4,532	11,414	0.22	0.25	11.76	17.86
WASHINGTON	3,752	9,593	0.17	0.19	12.28	17.78
WEST VIRGINIA	1,170	11,266	0.33	0.38	15.01	22.98
WISCONSIN	3,120	12,317	0.21	0.24	13.32	19.40
WYOMING	440	12,211	0.33	0.38	7.42	11.46
U.S. TOTAL	176,190	10,433	0.23	0.26	2/ 12.79	3/ 19.35

1/ RATE COULD NOT BE COMPUTED BECAUSE DATA WAS NOT REPORTED OR WAS NOT USABLE.

2/ THE RATE IS BASED ON THE ESTIMATED U. S. TOTAL OF NONFATAL INJURY ACCIDENTS FROM TABLE 2.

3/ THE RATE IS BASED ON THE ESTIMATED U. S. TOTAL OF NONFATAL INJURED PERSONS FROM TABLE 2.

SECTION IV--PUERTO RICO AND U.S. TERRITORIES

Travel and accident data reported by Puerto Rico for calendar year 1986 are tabulated below.

TABLE 11 -- FATAL AND INJURY ACCIDENTS IN PUERTO RICO: 1986

HIGHWAY SYSTEM	HIGHWAY MILES	VEHICLE MILES (millions)	INJURY ACCIDENTS				PERSONS INJURED			
			FATAL Number	FATAL Rate*	NONFATAL Number	NONFATAL Rate*	FATALLY Number	FATALLY Rate*	NONFATALLY Number	NONFATALLY Rate*
FEDERAL-AID										
Interstate (Rural)	83	702	61	8.69	1467	208.97	67	9.54	2624	373.79
Interstate (Urban)	115	2099	25	1.19	1463	69.70	25	1.19	2597	123.73
Other Primary (Rural)	302	816	116	14.22	3945	483.46	134	16.42	6939	850.37
Other Primary (Urban)	206	1564	71	4.54	4049	258.89	80	5.12	6626	423.66
Urban Arterial (Urban)	422	2127	73	3.43	5564	261.59	77	3.62	8055	378.70
Urban Collector (Urban)	171	488	8	1.64	1072	219.67	8	1.64	1544	316.39
Secondary (Rural)	852	796	53	6.66	3118	391.71	60	7.54	4842	608.29
All Federal-Aid	2151	8592	407	4.74	20678	240.67	451	5.25	33227	386.72
NON-FEDERAL-AID										
Arterial (Rural)	0	0	0	0	0	0	0	0	0	0
Arterial (Urban)	54	156	9	5.77	844	541.03	9	5.77	1205	772.44
Collector (Rural)	688	515	38	7.38	1860	361.17	40	7.77	2925	567.96
Collector (Urban)	292	572	10	1.75	1486	259.79	11	1.92	2003	350.17
Local (Rural)	3690	482	79	16.39	5195	1077.80	82	17.01	7095	1471.99
Local (Urban)	2943	648	23	3.55	4367	673.92	27	4.17	5687	877.62
All Non-Federal-Aid	7667	2373	159	6.70	13752	579.52	169	7.12	18915	797.09
All Rural Highways	5615	3311	347	10.48	15585	470.70	383	11.57	24425	737.69
All Urban Highways	4203	7654	219	2.86	18845	246.21	237	3.10	27717	362.12
TOTAL	9818	10965	566	5.16	34430	314.00	620	5.65	52142	475.53

* Per 100 million vehicle-miles

SECTION V--RELATIONSHIP OF FATALITY RATES TO TRAVEL DENSITY

The vehicle mile fatality rate is the measure most commonly used for comparing the safety of different highway systems or the safety of highways in different States. A State often judges its own performance by comparing its fatality rates with the national fatality rate. The primary reason for differences in fatality rates appears to be variation in travel density over which the States have little control. Because the travel density varies widely among the States, it should not be expected that all States will have similar fatality rates. While there are many reasons other than variation in travel density for differences among the fatality rates of the States, it is difficult to quantify these reasons well enough to develop reliable definitions of relationships between fatality rates and specific features.

The general characteristics of the relationship between fatality rates and travel density were described in Section I. Curves illustrating provisional rate-density relationships have been derived from reported data for the 4-year period from 1982 through 1985. The relationships must be regarded as provisional because they are based on data which are incomplete and known to contain errors. Despite their flaws, the curves provide a more suitable base than the national fatality rate for evaluating State rates. A curve describing the provisional rate-density relationship for all highways in the States is shown in Figure 7-A1.

In comparing State fatality rates a second consideration should be taken into account. Even if the risk (probability) of traffic fatalities were dependent only on travel density, rates would vary at random from those on the rate-density curve. Accidents and related rates are "random" in a statistical sense. Any attempt to drive a vehicle a given distance may or may not result in an accident. There is, nonetheless, a degree of statistical regularity which permits reasonably reliable estimation of the number of accidents expected from a large number of attempts. To speak of accidents as random events is not to say that accidents are unrelated to driving hazards or driver skill. The random variation of fatality rates is larger when the volume of traffic is small. For example, a random variation of 10 percent would be much more likely to occur in the Delaware fatality rate than in fatality rates for California or New York.

The random variation of fatality rates is somewhat analogous to the random variation observed when flipping a coin repeatedly. If the probability of "heads" is 1 in 2, the ratio of the number of heads to the number of flips approaches 1/2 as the number of flips increases. Similarly, if the probability that a fatality will result from an attempt to drive one vehicle mile is 3 in 100 million, the ratio of fatalities to vehicle miles will approach 3/(100 million) as the number of vehicle miles increases. While the number of vehicle miles or flips of a coin is increasing, ratios vary at random. The amount of variation can be computed by applying the binomial probability law for the appropriate number of vehicle miles or flips. Approximations of the binomial law are commonly used to simplify computation.

* * * * * USING RATE-DENSITY RELATIONSHIPS * * * * *

* Rate-density curves may be regarded as sets of provisional
* national norms for fatality rates. Figure 7-A1 on page 53 shows
* the rate-density curve for all roads in the United States.
*

* For a particular State, the value of the provisional national
* norm depends on the daily number of vehicle miles per mile of
* highway--or average daily traffic (ADT) in that State. For a
* State with a daily average of 2,000 vehicle miles of travel per
* mile of highway, Figure 7-A1 indicates that a normal fatality
* rate would be slightly under 3 fatalities per 100 million
* vehicle miles.
*

* Some random deviation of State rates from provisional national
* norms is expected. Most of this random deviation would fall
* within provisional ranges such as those shown in Figure 7-A2 on
* page 54. Differences in the width of provisional ranges reflect
* differences in volumes of travel; ranges are widest in the States
* with the least travel. When State rates fall above or below the
* provisional ranges, the deviation from the provisional national
* norm is likely to be caused by something other than random
* variation. Possible causes include effective safety programs,
* hazardous highways, inconsistent data, and many other
* contributing factors.
*

* Figure 7 may be used to answer questions such as:
*

* 1. Where are successful safety programs most likely to be found?
*

* See Figures 7-A2, -B2, etc. Those States where the 1986
* fatality rate is to the left of the provisional range are
* most likely to have successful safety programs.
*

* 2. Are safety programs in a particular State more likely to
* have been successful on some systems than on others?
*

* See Figures 7-C2, -D2, etc. Safety programs are more likely
* to have been successful on those highway systems where the
* 1986 fatality rate is to the left of the provisional range.
*

* 3. Where, in a particular State, is the greatest potential for
* improvement of safety programs likely to be found?
*

* See Figures 7-C2, -D2, etc. The greatest potential for
* reduction of traffic deaths in a State is likely to be on
* those highway systems where the 1986 fatality rate is to the
* right of the provisional range.
*

The application of the binomial probability law to accident rates yields results that approximate observed experience. This procedure is widely used by the States to identify hazardous sections of highway. It does not give precise results primarily because the probability of a fatality (or other event of interest) is not the same for every attempt that is made to drive a vehicle mile without an accident.

The rate-density curve in Figure 7-A1 is an exponential curve fitted to the data points by a weighted least squares procedure. Each data point is defined by a State fatality rate and travel density for the 4-year period. The point is weighted in proportion to the vehicle miles of travel in the State during those 4 years.

Because the volume of travel is different for each State, the magnitude of random variation is also different. To illustrate the effect of the differences, provisional ranges have been computed and are shown in Figure 7-A2. For each State, the observed 1986 fatality rate is shown along with a provisional range centered upon a value taken from the rate density curve in Figure 7-A1. If variations from rates on the rate-density curve in Figure 7-A1 followed a binomial distribution, the probability would be 99 out of 100 that each observed rate would fall within the provisional range shown in Figure 7-A2. Conversely, the chances would be only 1 in 100 that an observed rate would fall outside the provisional range if the risk were the same in 1986 as in the preceding 4 years and variation from the rate-density curve were random. If a rate falls above or below the range shown, it is likely that it is unusually high or low for some reason other than random variation. Figure 7-A2 shows that most State fatality rates varied significantly from the provisional rate-density curve. While the 1986 fatality rates were about the same for Vermont and Oklahoma, Oklahoma's rate was substantially lower than State rates observed for a similar travel density in the preceding 4-year period. Vermont's rate, on the other hand, is within the provisional range, where deviation from the rate-density curve is less significant. Analysis of the possible reasons for the low rate in Oklahoma and the rates outside provisional ranges in many other States is beyond the scope of this report. In Figure 7-A2, States are arranged in order of travel density to facilitate comparison of States with similar travel densities; the State with the most vehicle miles per mile of highway (i.e., the highest average daily traffic) is at the top.

In Figures 7-B1, 7-B2a, and 7-B2b, rural and urban fatality rates for each State are shown separately but in the same manner as the information in Figures 7-A1 and 7-A2.

Other provisional range relationships, as well as provisional rate changes and observed fatality rates for the highway systems in each State, are shown in Figures 7-C1a through 7-F2b. Provisional range relationships are shown for the Interstate urban and rural systems separately.

It can be seen in Figure 7 that, for every system, fatality rates observed in 1986 were rarely above the provisional range based on 1982 through 1985 experience.

Fig. 7-A1. PROVISIONAL RATE-DENSITY RELATIONSHIP (1982-85)
ALL HIGHWAYS

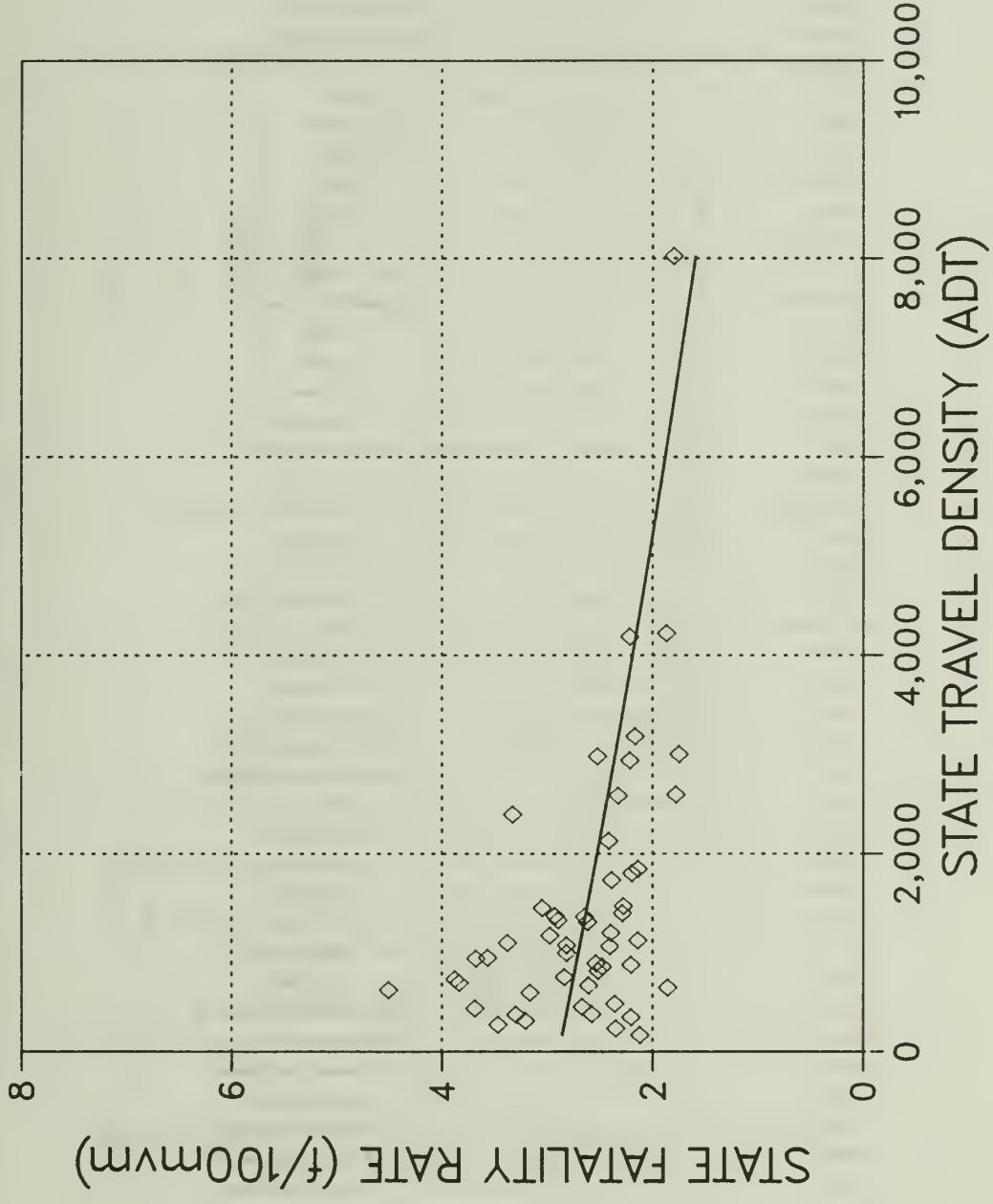


Figure 7-A2 FATALITY RATE BY STATE—ALL HIGHWAYS (1988)

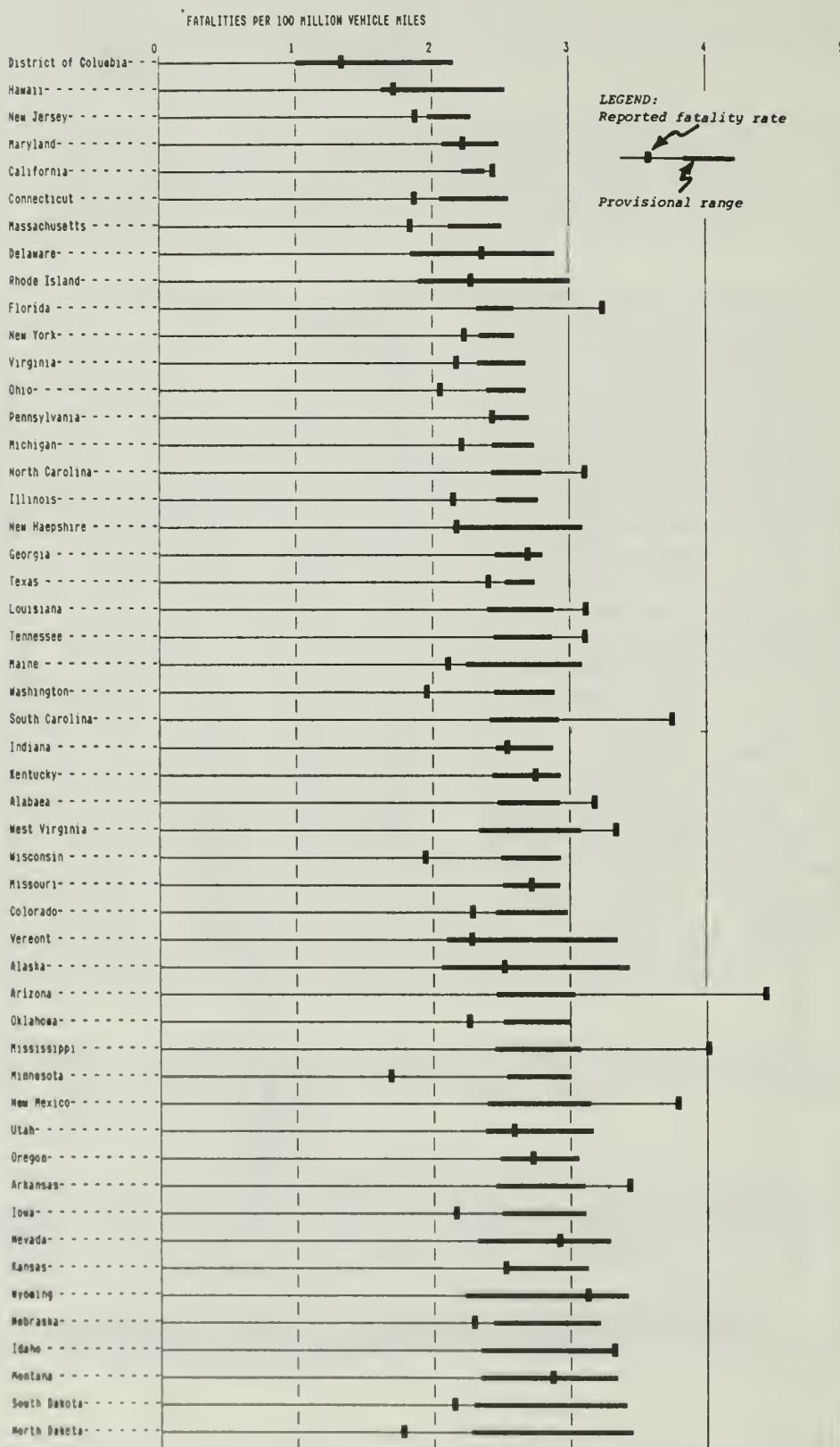


Fig. 7-B1. PROVISIONAL RATE-DENSITY RELATIONSHIP (1982-85)
RURAL AND URBAN HIGHWAYS

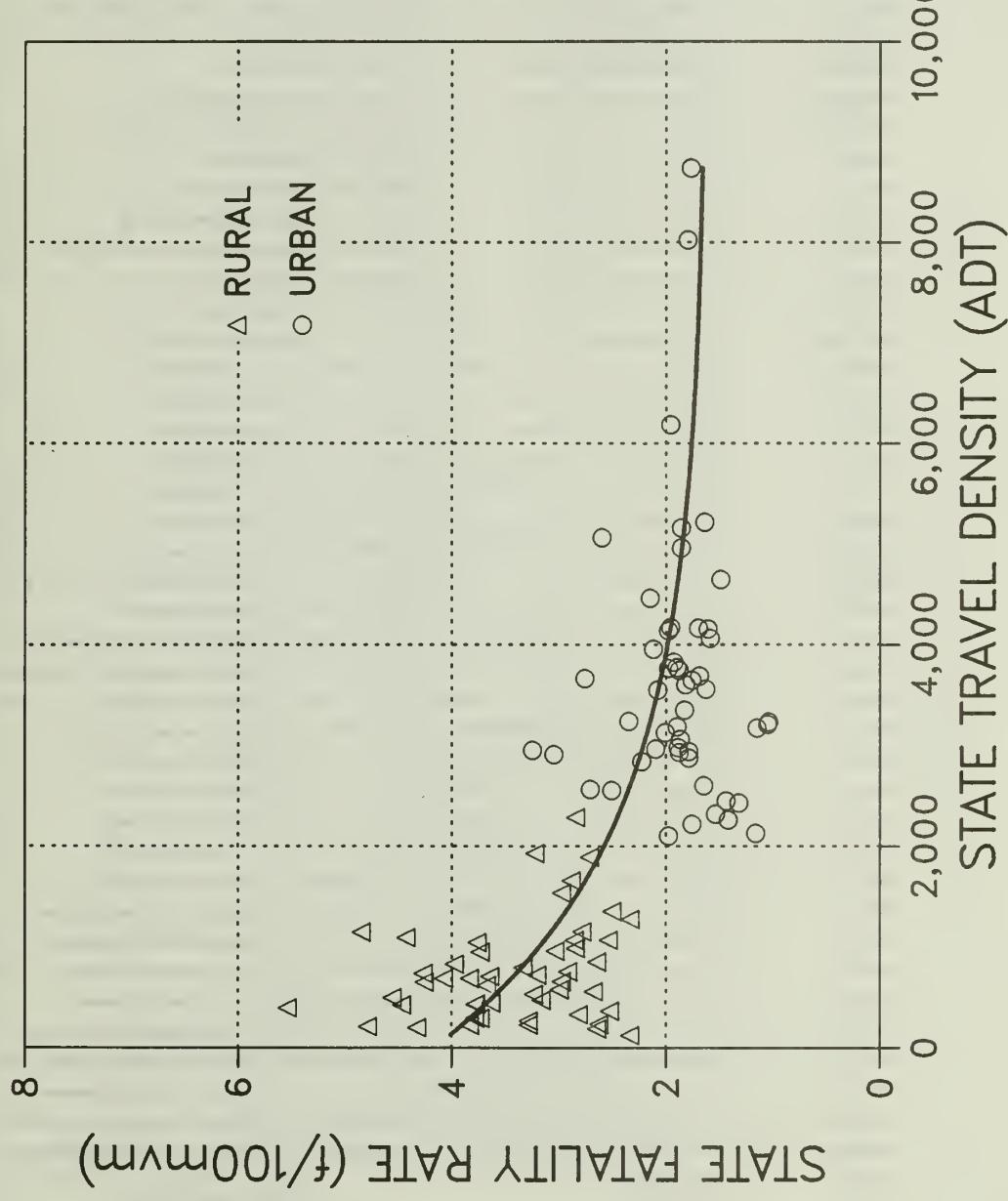


Figure 7-B2a FATALITY RATE BY STATE—ALL RURAL HIGHWAYS (1980)

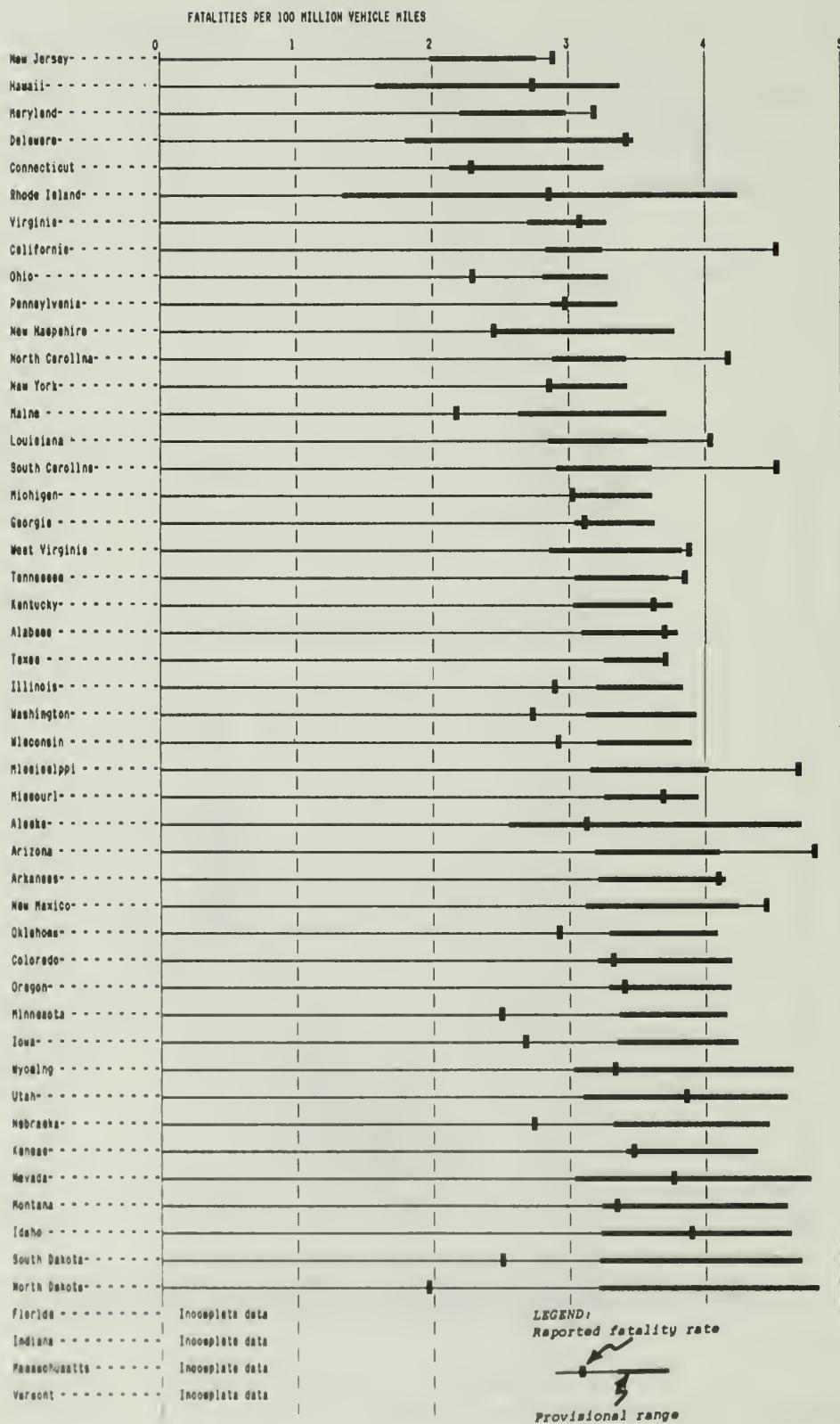


Figure 7-B2b FATALITY RATE BY STATE—ALL URBAN HIGHWAYS (1988)

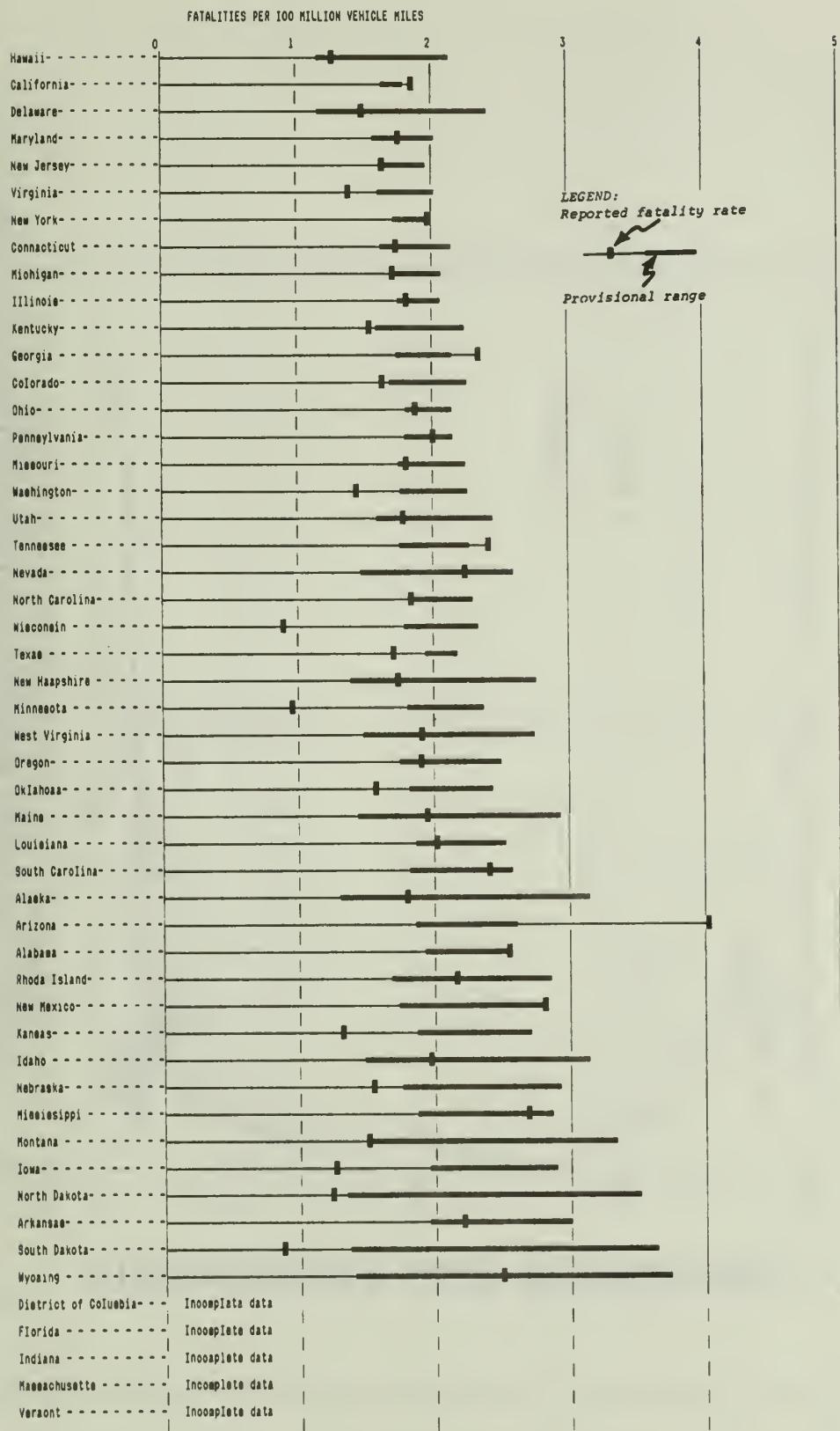


Fig. 7-C1a. PROVISIONAL RATE-DENSITY RELATIONSHIP (1982-85)
INTERSTATE SYSTEM

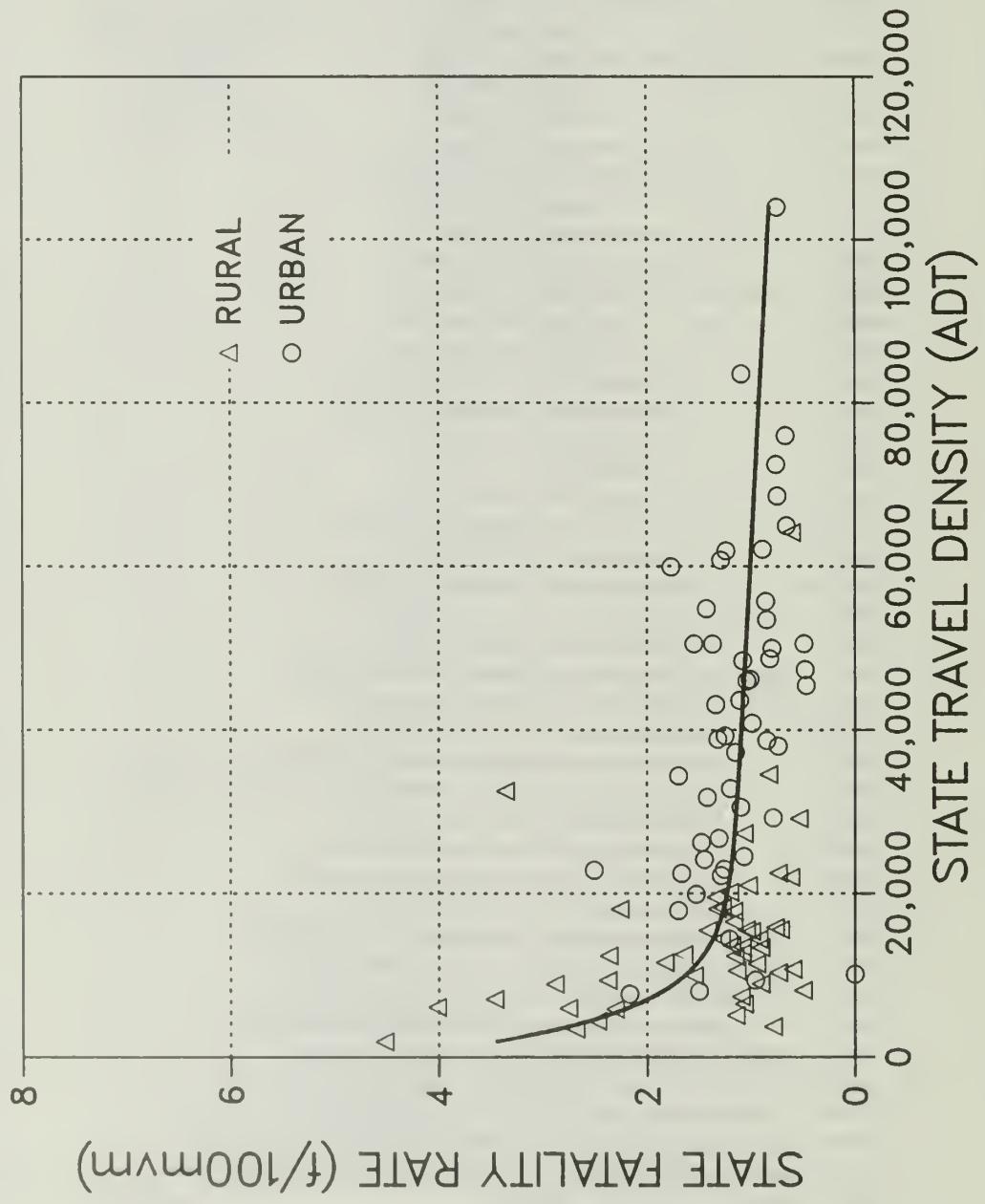


Fig. 7-C1b. PROVISIONAL RATE-DENSITY RELATIONSHIP (1982-85)
RURAL INTERSTATE SYSTEM

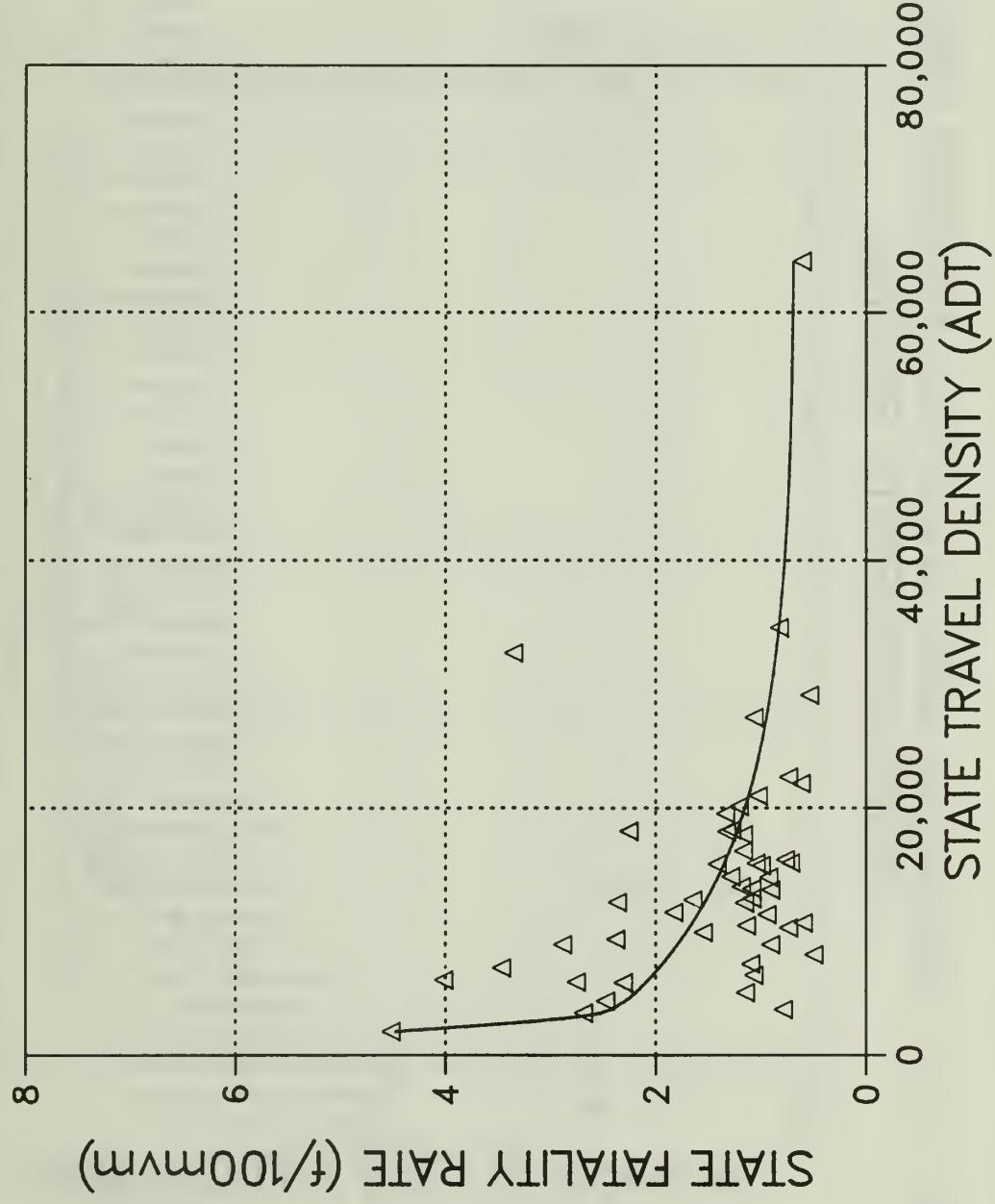


Fig. 7-C1c. PROVISIONAL RATE-DENSITY RELATIONSHIP (1982-85)
URBAN INTERSTATE SYSTEM

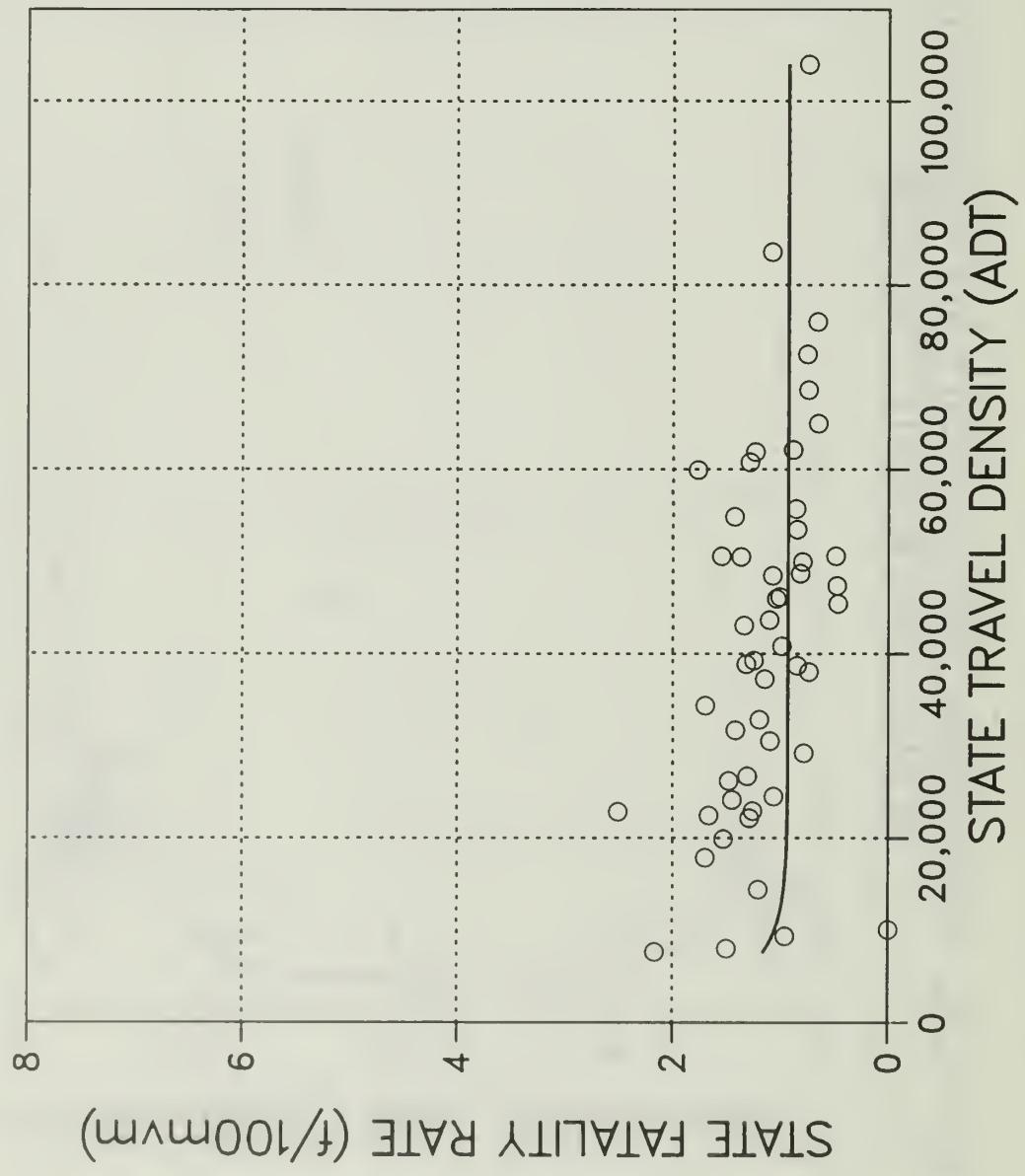


Figure 7-C2a FATALITY RATE BY STATE-RURAL INTERSTATE HIGHWAY

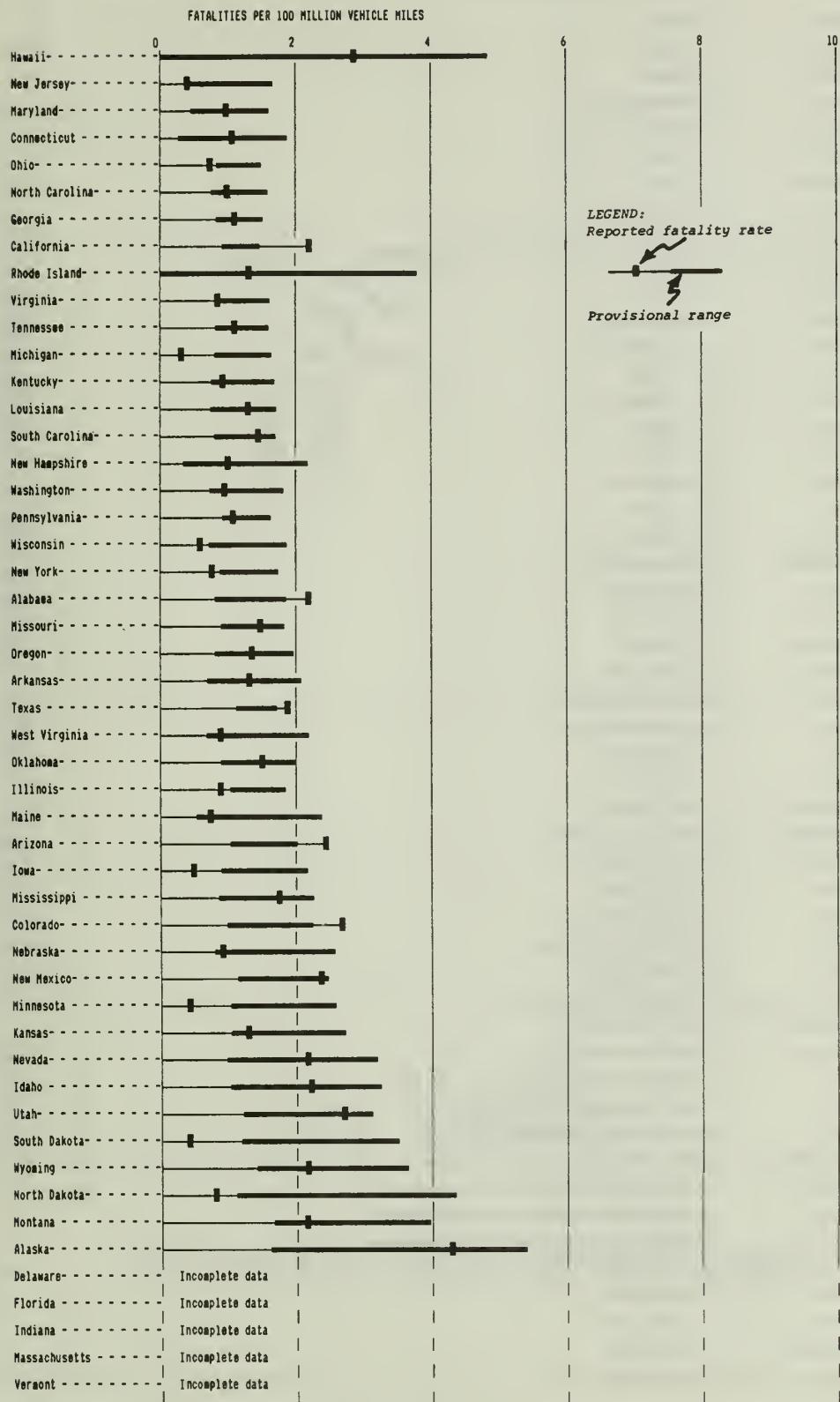


Figure 7-C2b FATALITY RATE BY STATE-URBAN INTERSTATE HIGHWAYS 1966

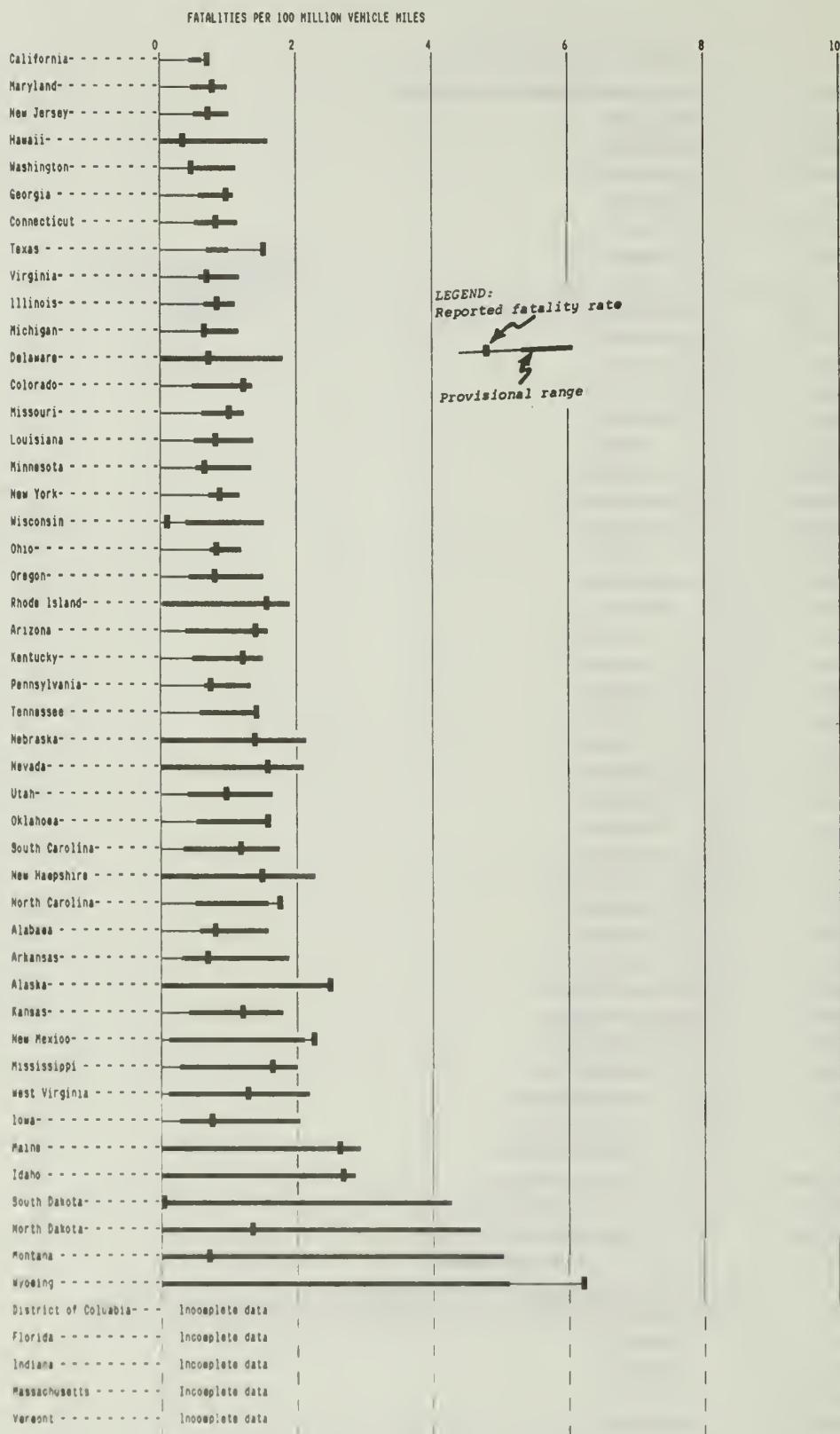
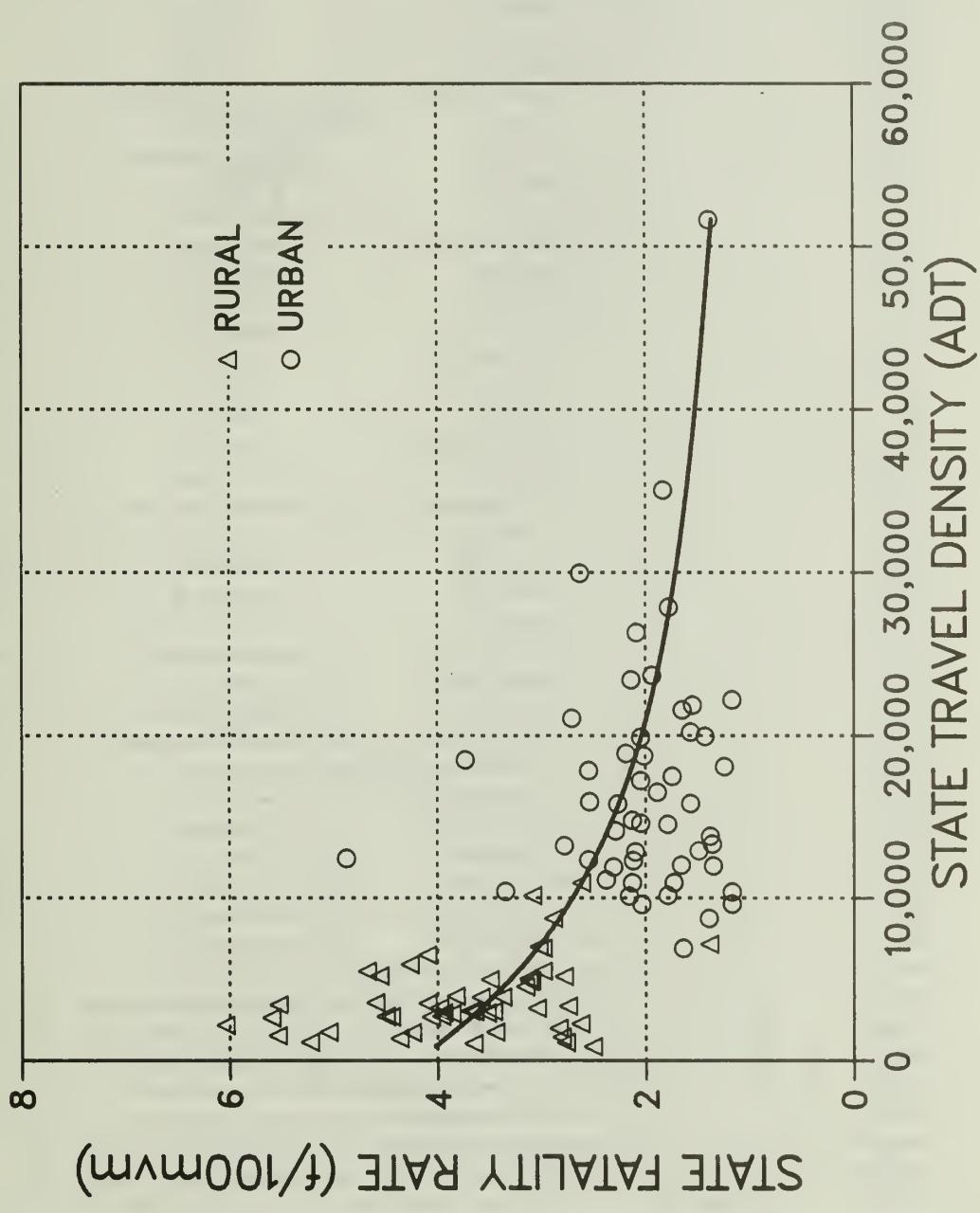
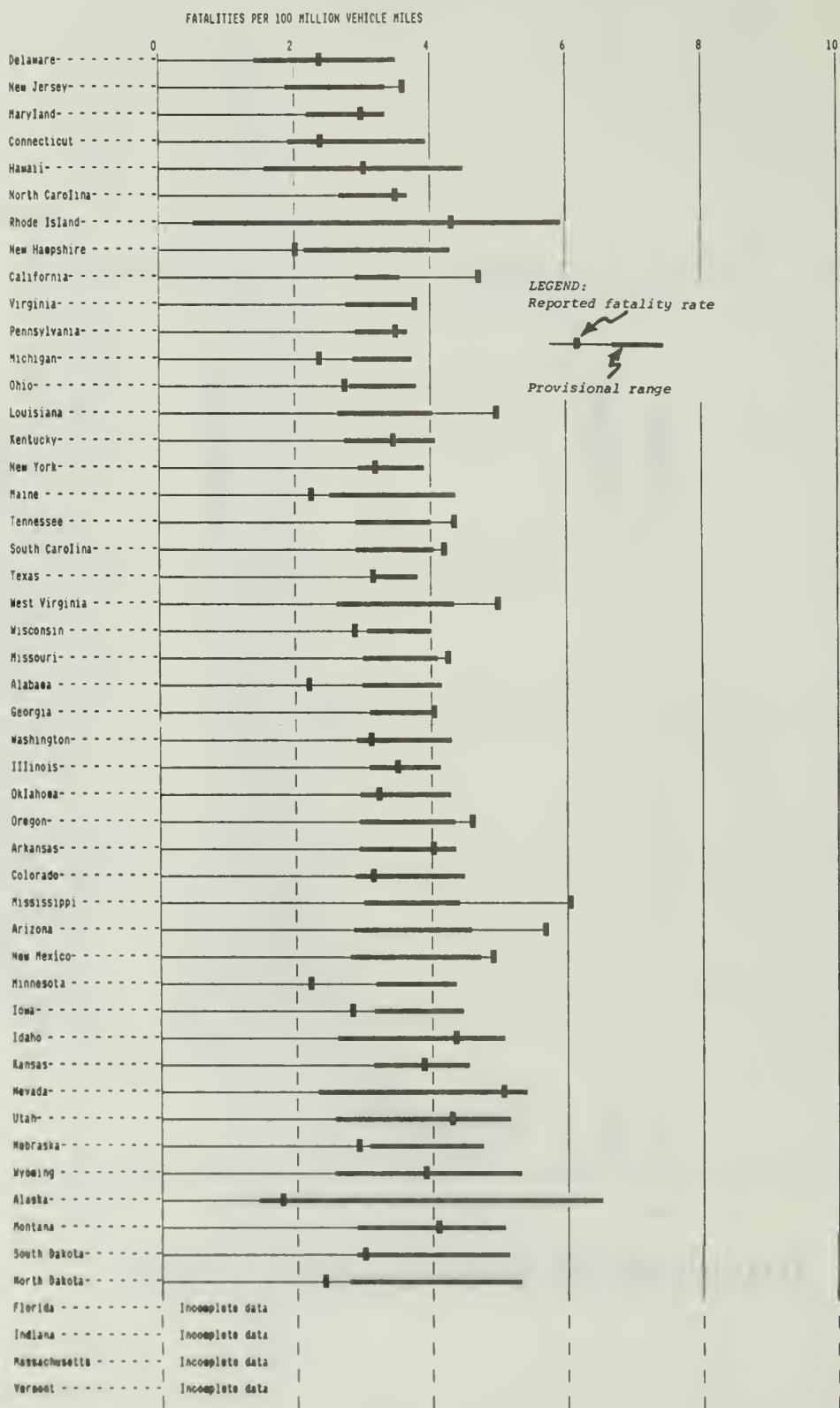


Fig. 7-D1. PROVISIONAL RATE-DENSITY RELATIONSHIP (1982-85)
OTHER FEDERAL-AID PRIMARY HIGHWAYS



**Figure 7-D2a FATALITY RATES BY STATES—OTHER RURAL
FEDERAL-AID PRIMARY HIGHWAYS (1988)**



**Figure 7-D2b FATALITY RATES BY STATE—OTHER URBAN
FEDERAL-AID PRIMARY HIGHWAYS (1980)**

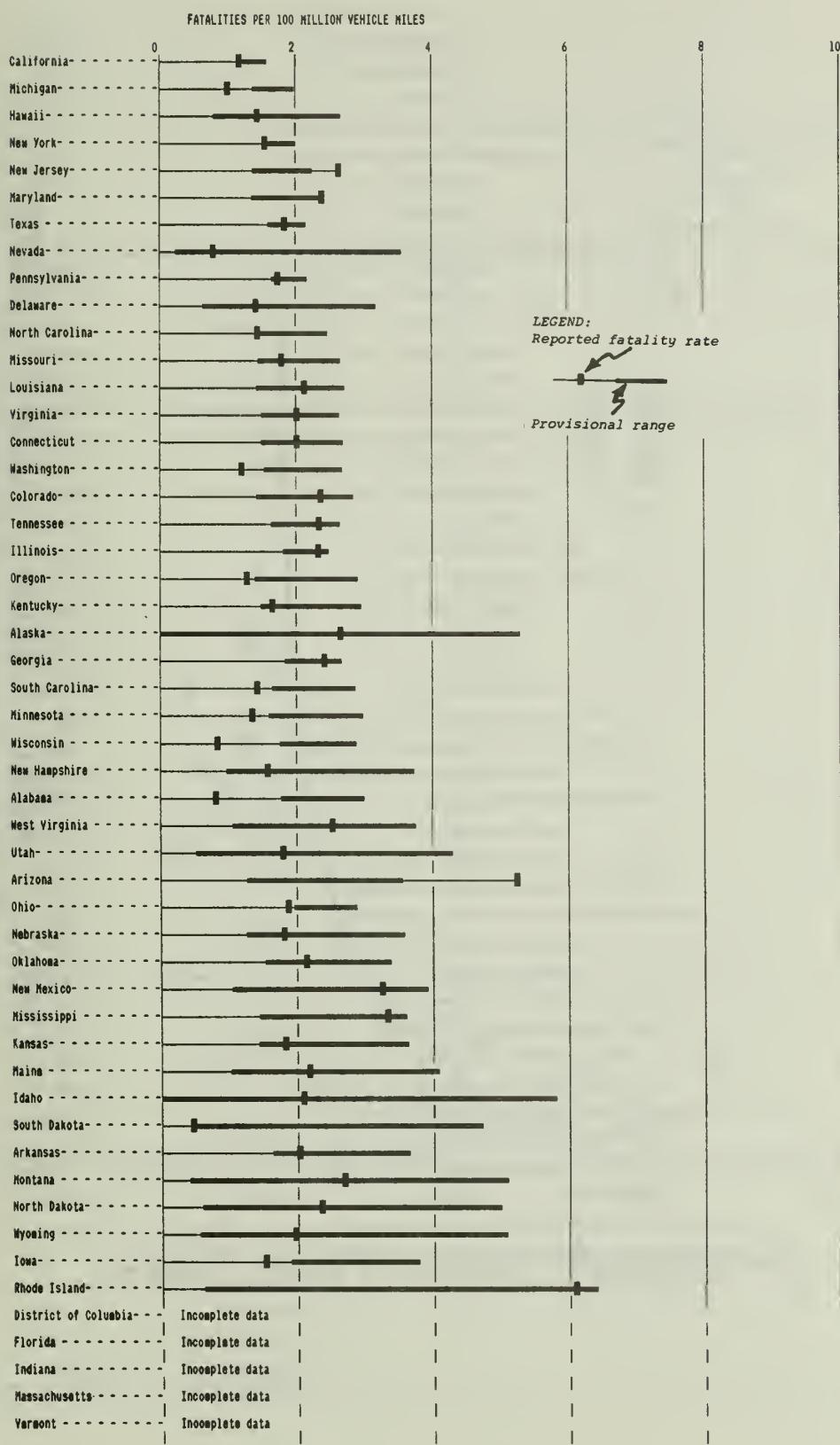


Fig. 7-E1. PROVISIONAL RATE-DENSITY RELATIONSHIP (1982-85)
FEDERAL-AID SECONDARY AND URBAN SYSTEMS

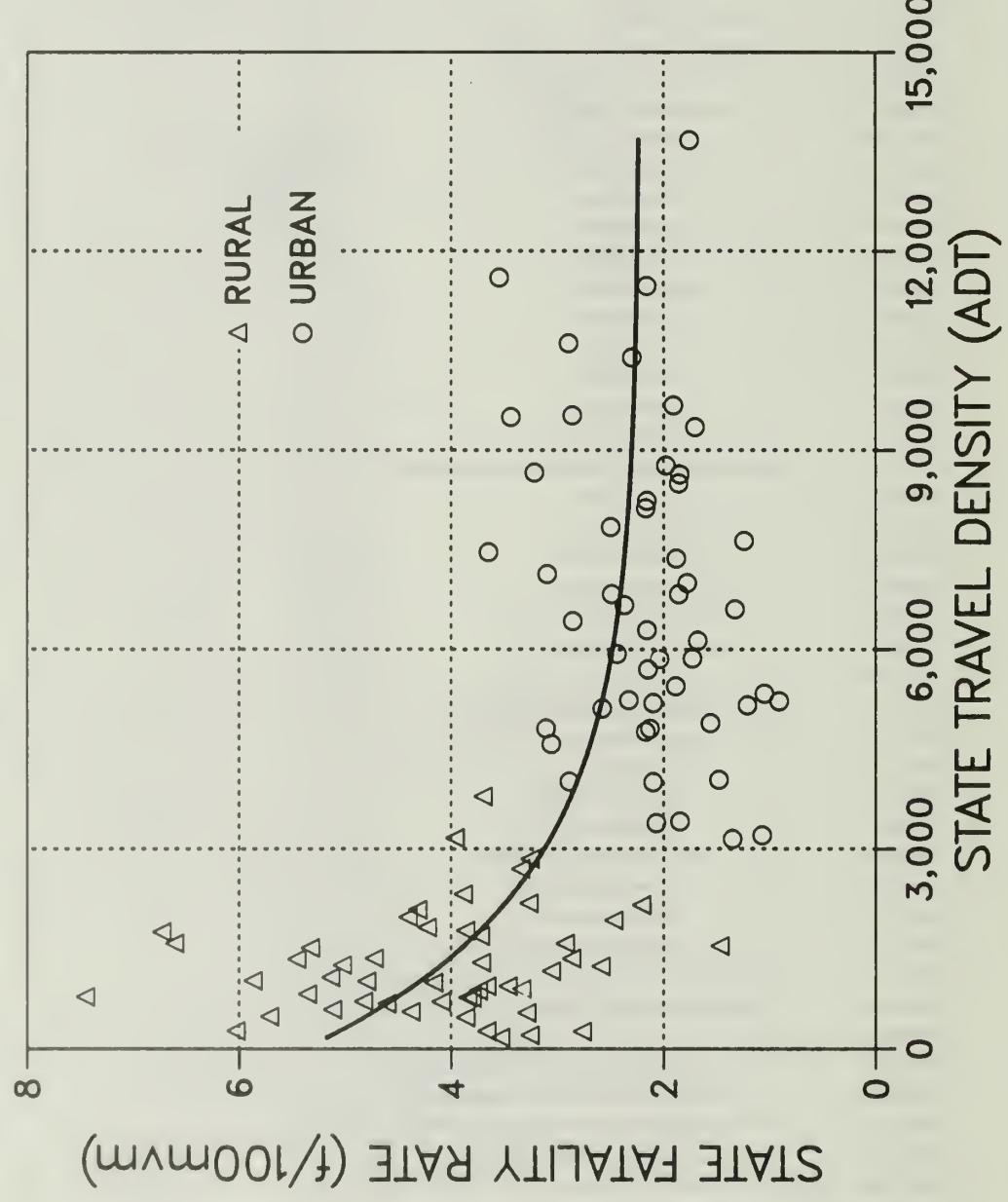


Figure 7-E2a FATALITY RATE BY STATE—FEDERAL-AID SECONDARY HIGHWAYS (1988)

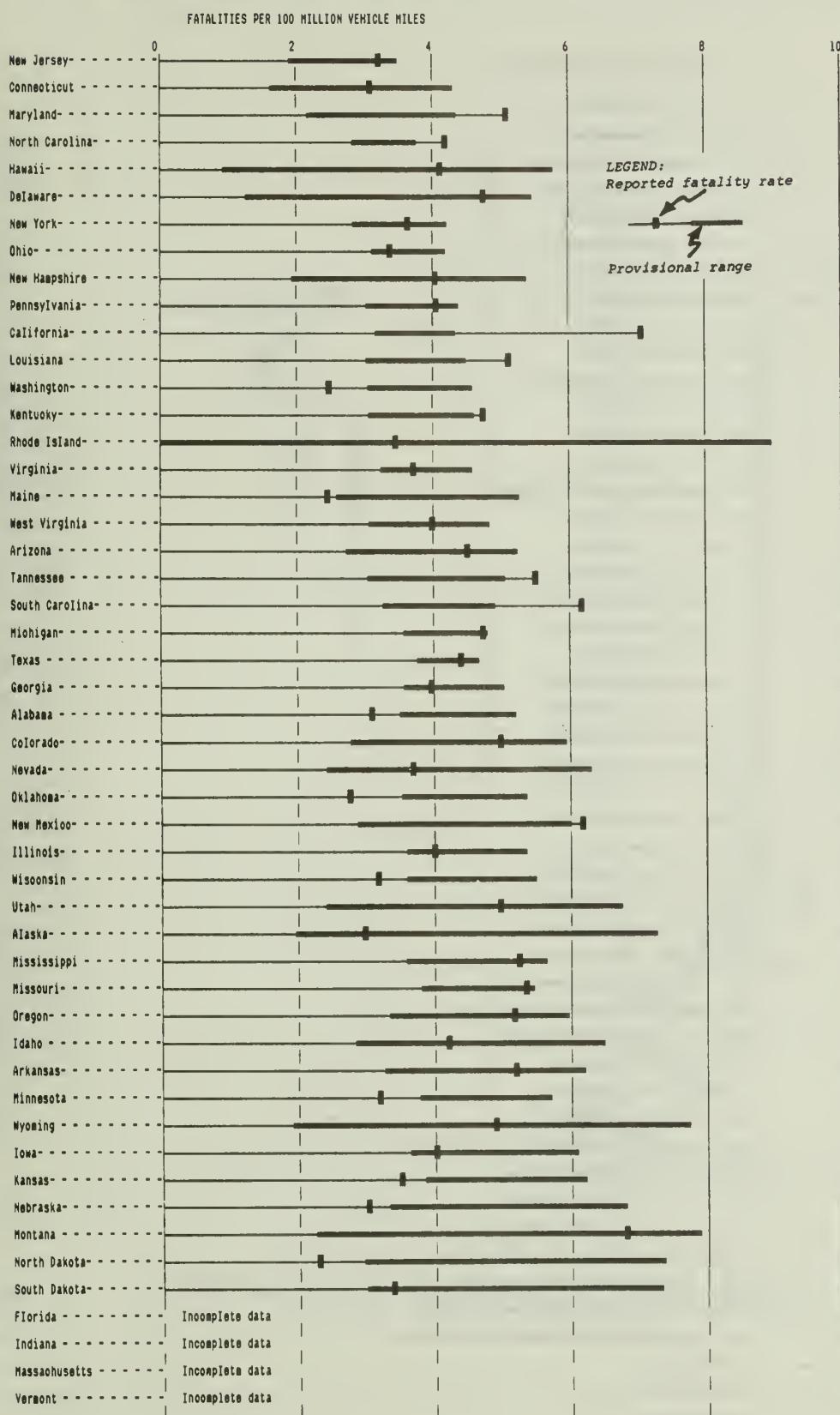


Figure 7-E2b FATALITY RATE BY STATE—FEDERAL-AID URBAN SYSTEM HIGHWAYS, (1966)

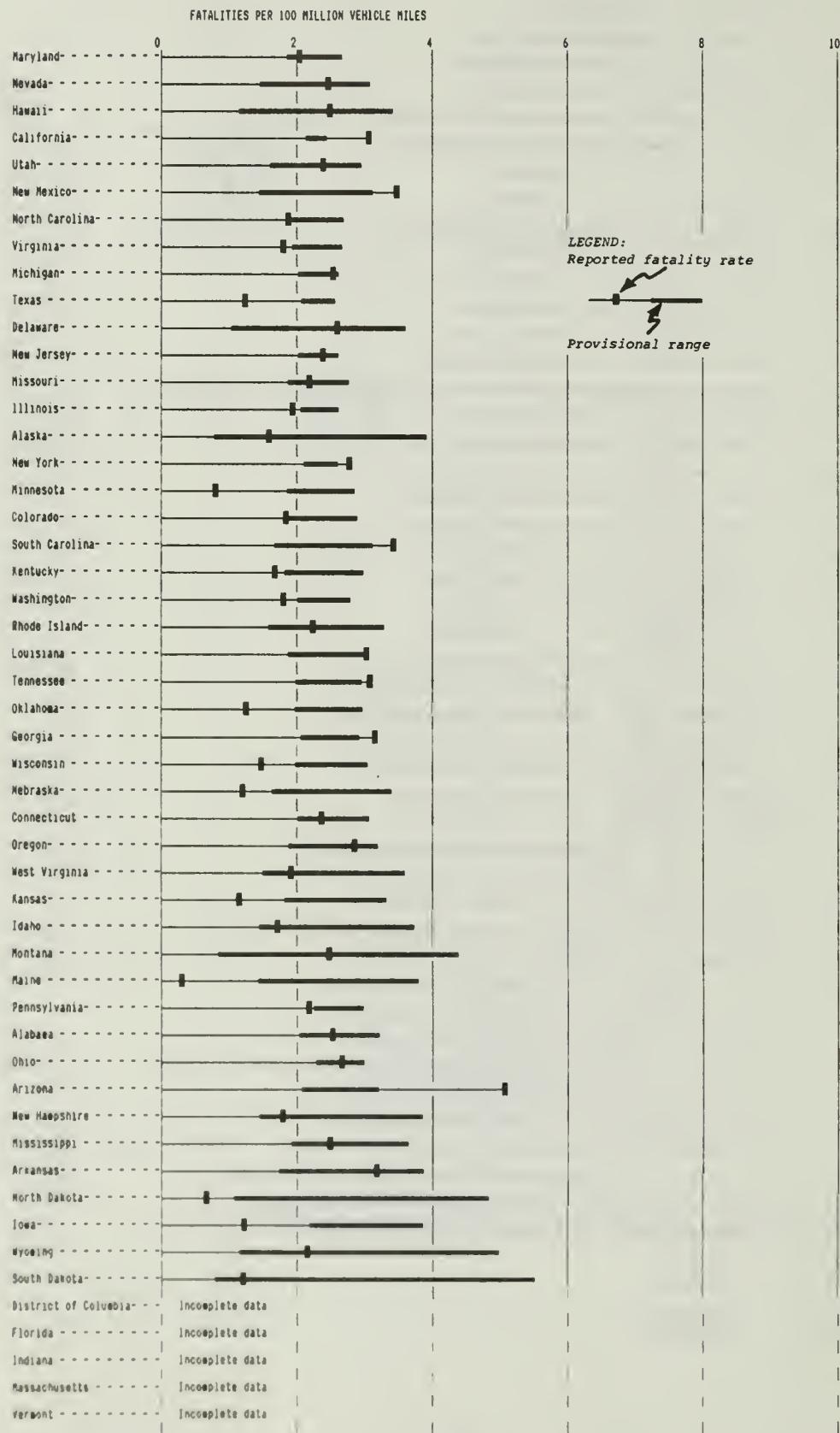


Fig. 7-F1. PROVISIONAL RATE-DENSITY RELATIONSHIP (1982-85)
NON-FEDERAL-AID HIGHWAYS

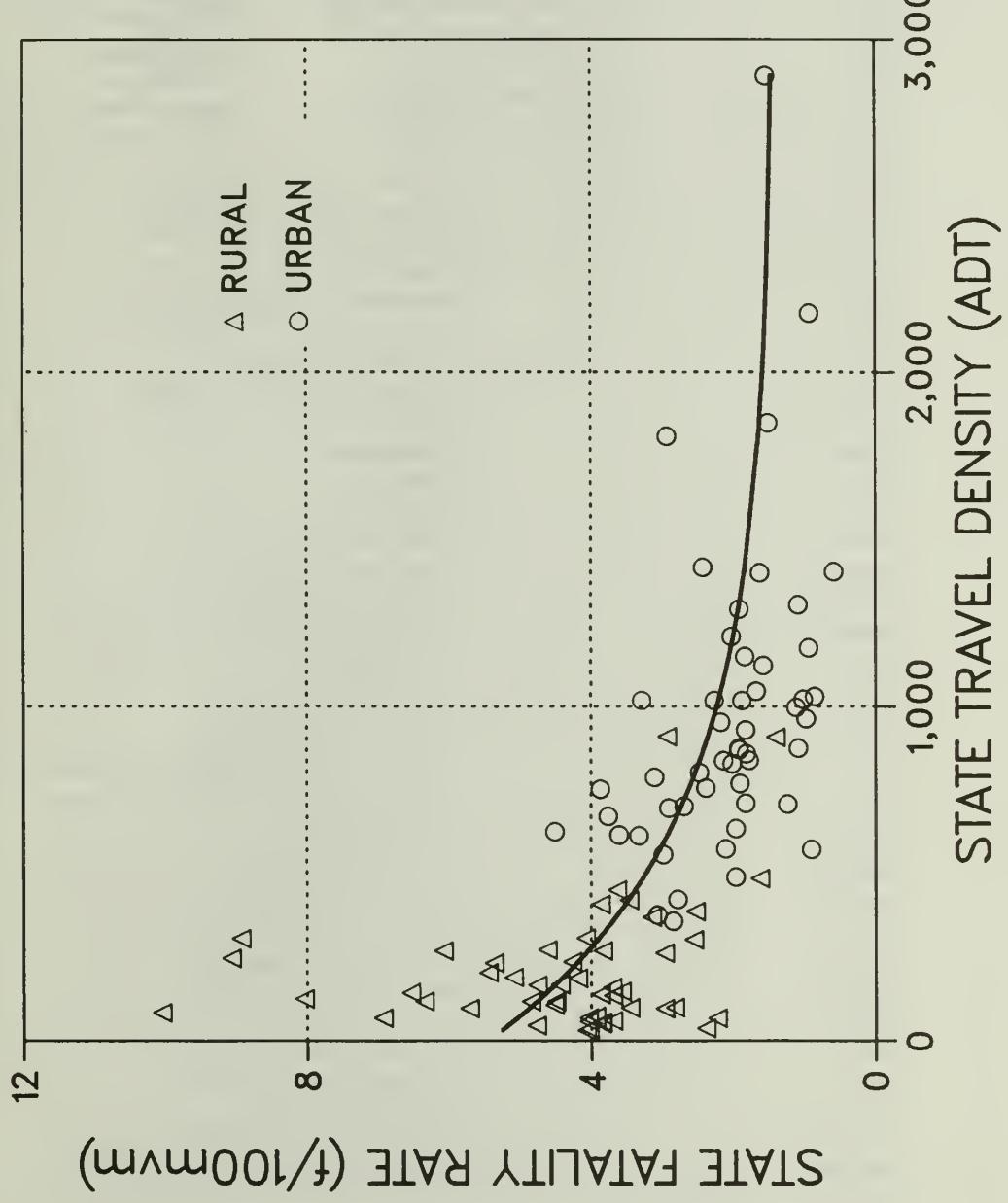


Figure 7-F2a FATALITY RATE BY STATE—RURAL NON-FEDERAL-AID HIGHWAYS (1966)

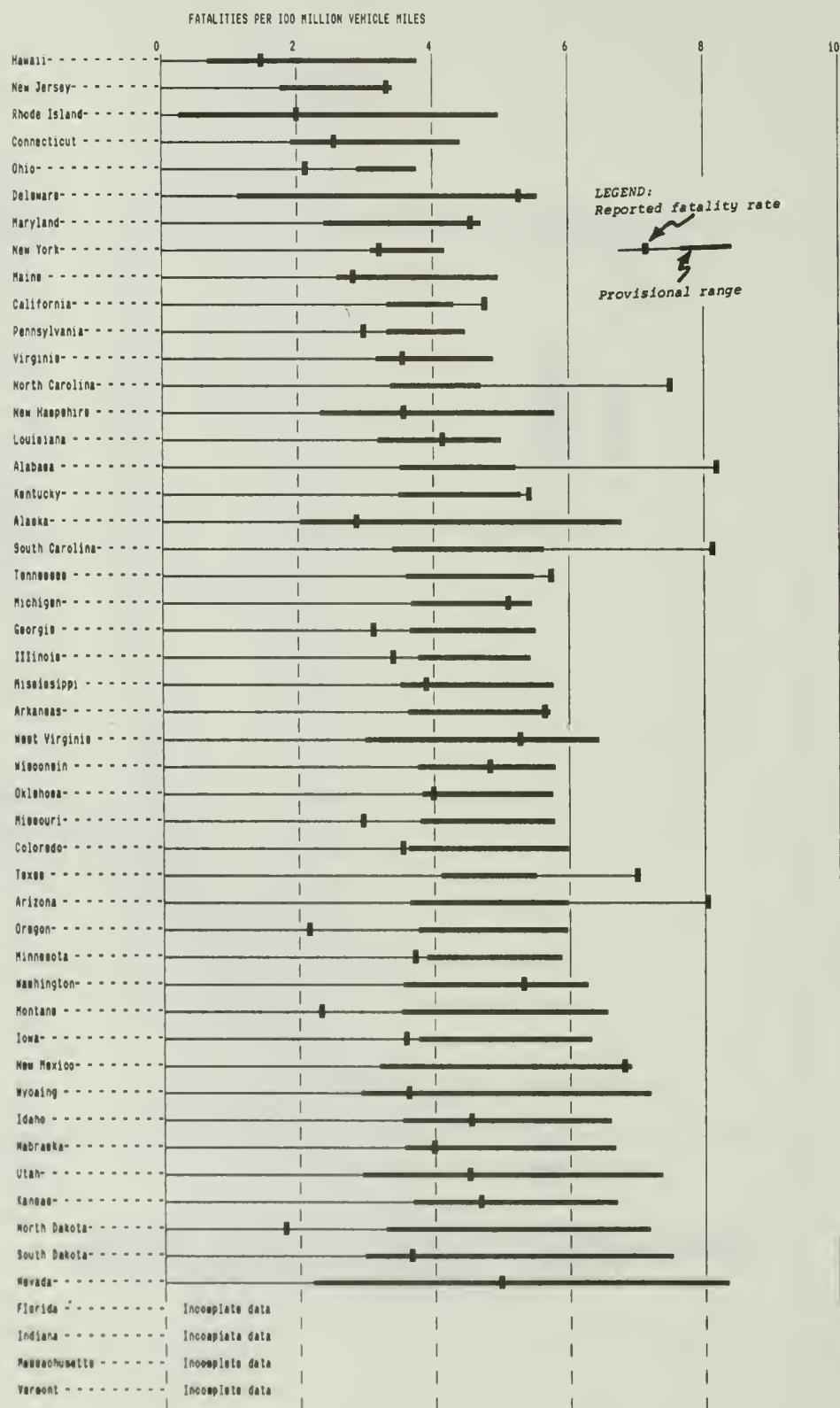
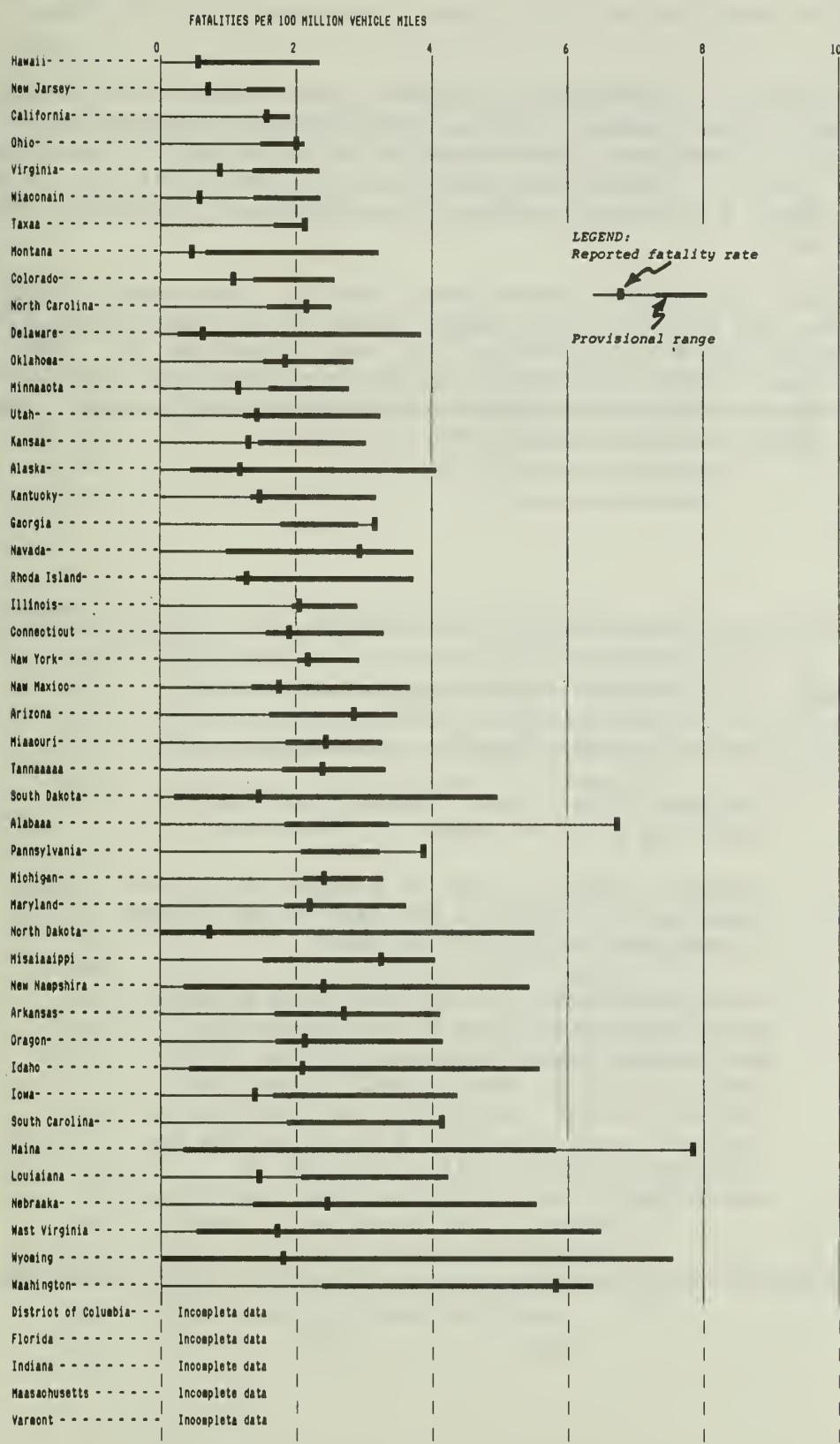


Figure 7-F2b FATALITY RATE BY STATE-URBAN NON-FEDERAL-AID HIGHWAYS (1980)



SECTION VI--STATE FATALITY RATE TRENDS

It is sometimes more useful to know the trend within a State than to know how that State compares with others. Figure 8 illustrates changes in State rates over the 5-year period from 1982 through 1986. The format of the graphs is similar to that in Figure 7-A2. The provisional range for each of the 5 years is based on the provisional rate-density curve shown in Figure 7-A1.

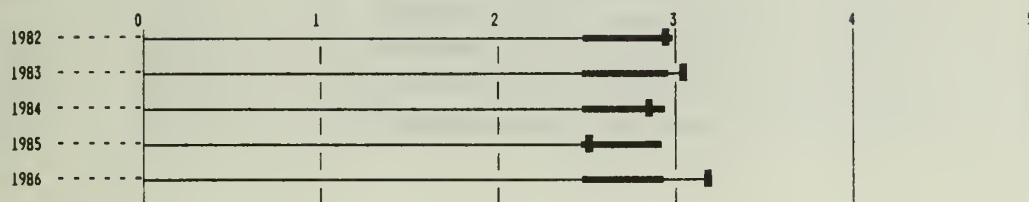
Figure 8 is designed to show, within each State, the pattern of observed rates over the 5-year period and the relationship of observed rates to provisional ranges. Because of differences in the magnitude of individual State rates, not all States are shown at the same scale. It is not intended that Figure 8 be used to compare the magnitude of fatality rates in different States.

While some States like Illinois demonstrate steadily decreasing fatality rates throughout the 5-year period, others report little improvement since 1982. In about one-third of the States, the rate reported for 1986 is substantially lower than the rates for the preceding year. There were twelve States which have a 1986 fatality rate above the provisional range. By comparison, there were only five States in 1985.

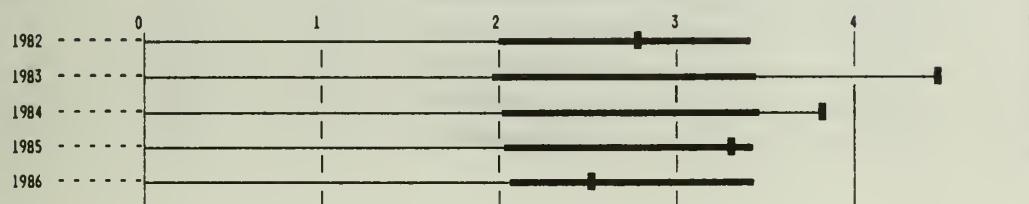
* Figure 8 may be used to answer questions such as:
*
* 1. Are the fatality rates in a State improving?
*
* See pages 73-83. Most States show steadily
* improving fatality rates. A few do not.
*
* 2. How have fatality rates in a particular State
* compared with those in the rest of the United
* States over the past five years?
*
* See pages 73-83. For any year in a selected
* State, a fatality rate to the left of the
* provisional range indicates that the State
* fatality rate is significantly below the
* 1982-85 national experience for States with
* similar travel density. A fatality rate to
* the right of the provisional range is
* significantly above such national experience.
*

Figure 8 STATE FATALITY RATES (1982-1986)

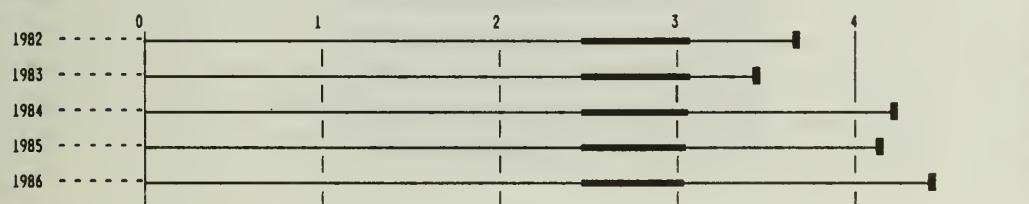
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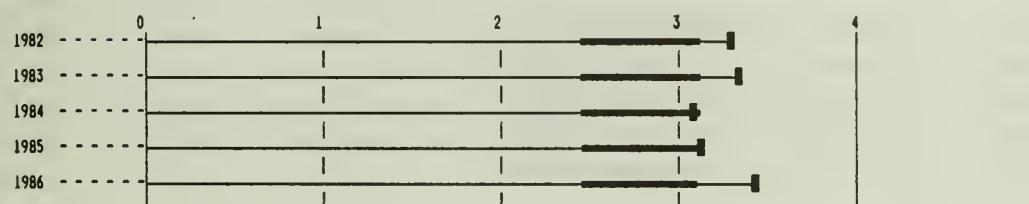
ALASKA



ARIZONA



ARKANSAS



CALIFORNIA

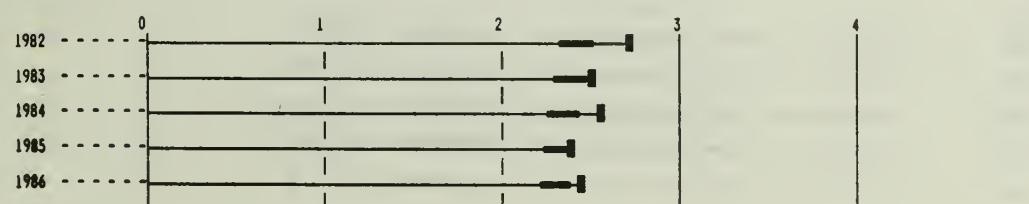
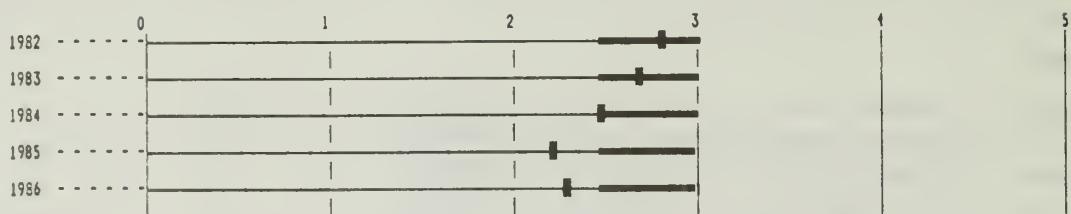
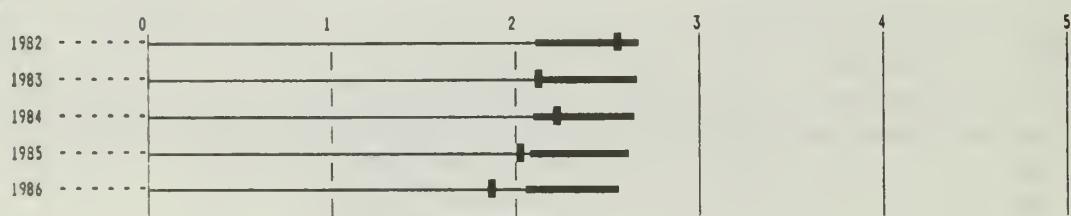


Figure 8 (continued) STATE FATALITY RATES (1982-1986)

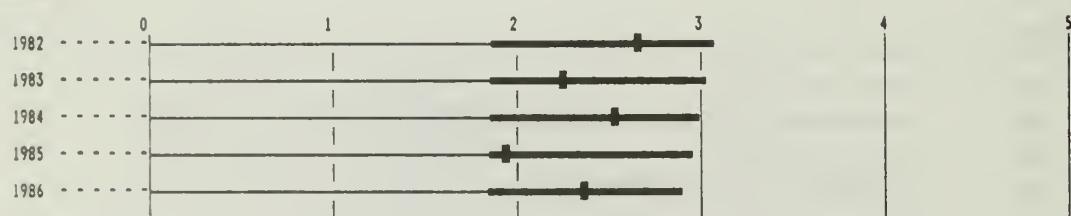
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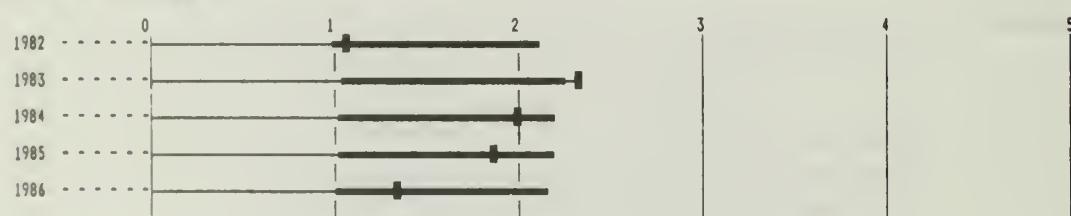
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DELAWARE



DISTRICT OF COLUMBIA



FLORIDA

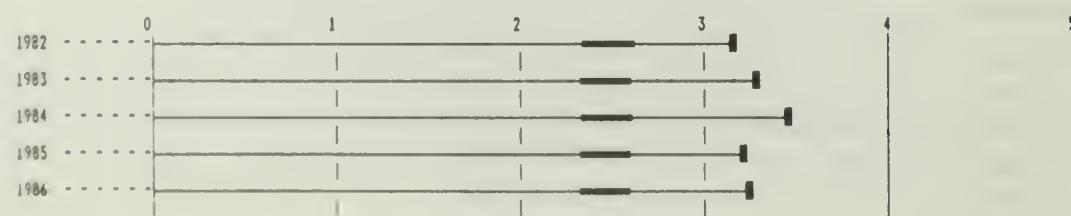
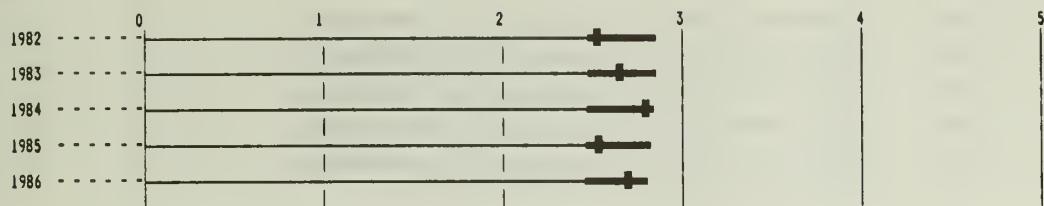
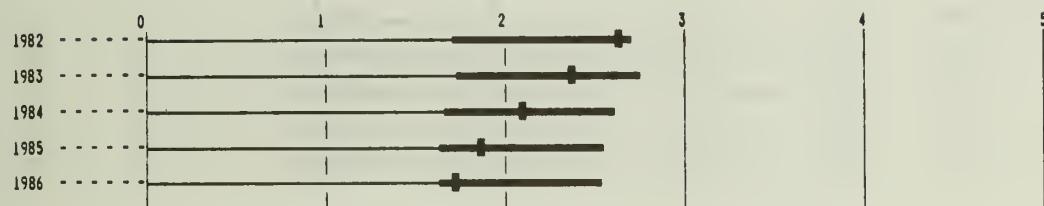


Figure 8 (continued) STATE FATALITY RATES (1982-1986)

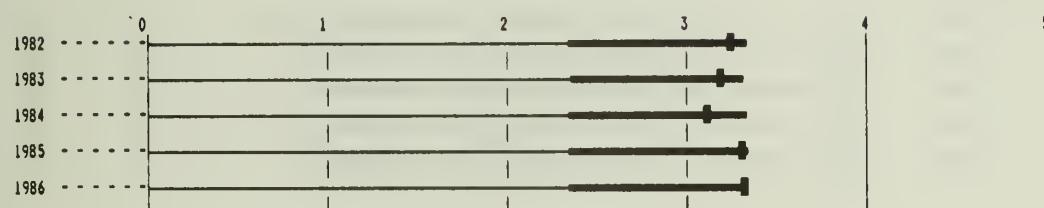
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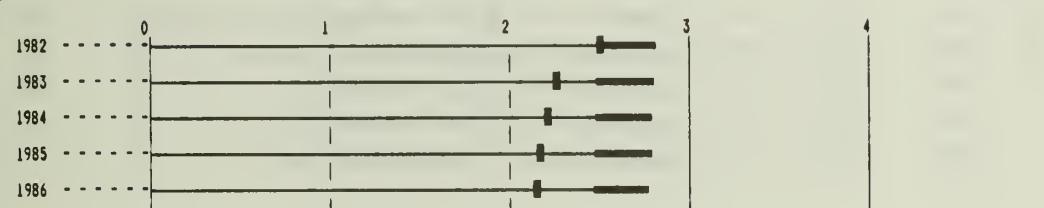
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IDAHO



ILLINOIS



INDIANA

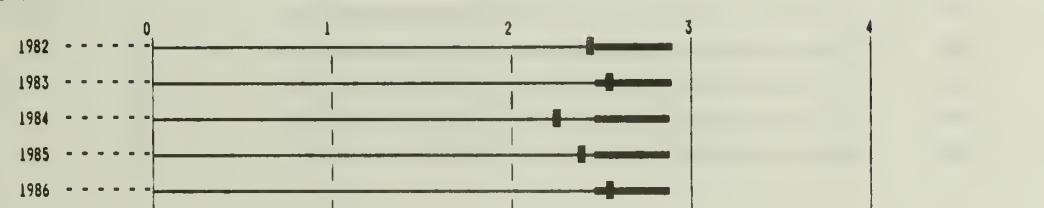
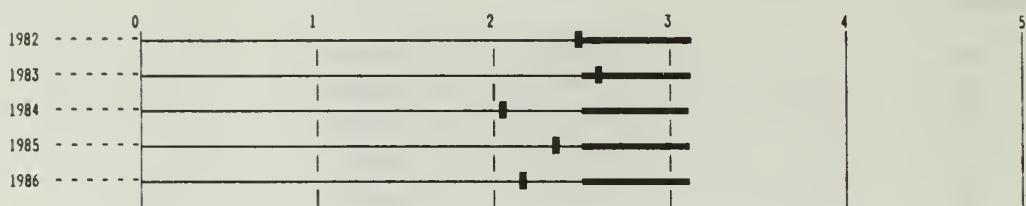
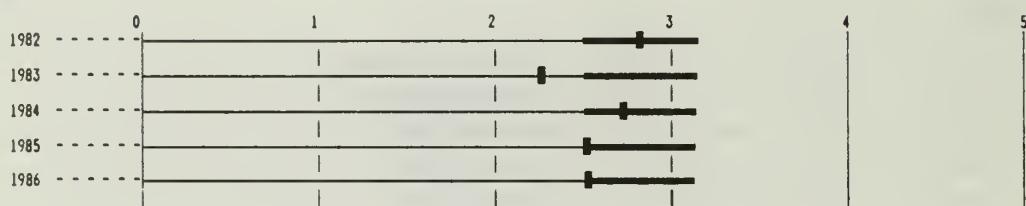


Figure 8 (continued) STATE FATALITY RATES (1982-1986)

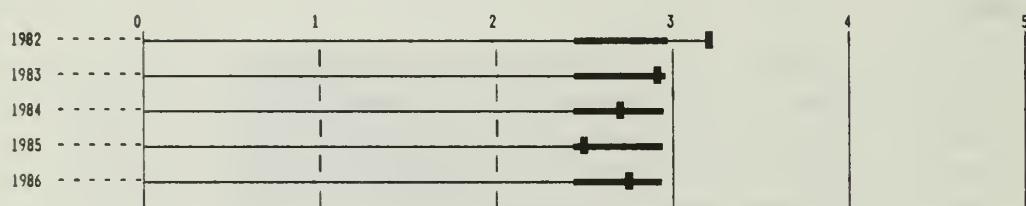
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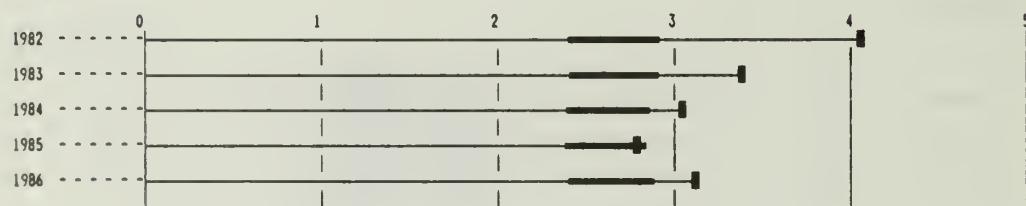
KANSAS



KENTUCKY



LOUISIANA



MAINE

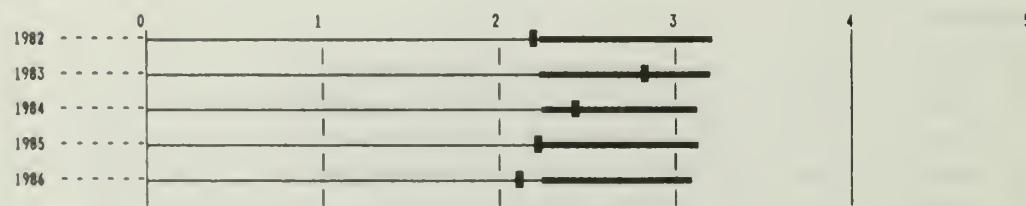
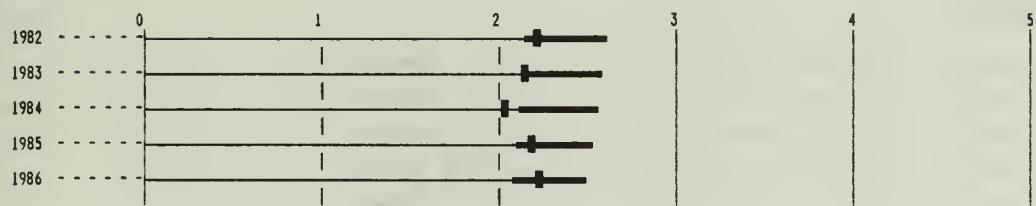
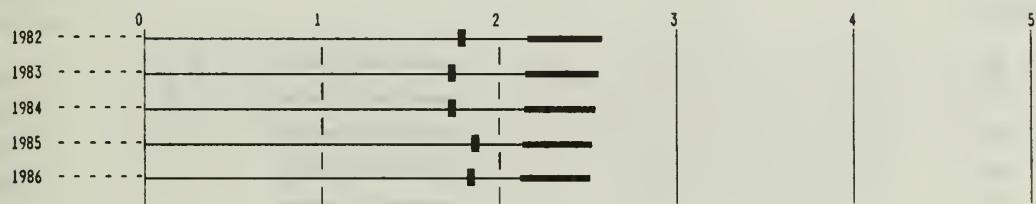


Figure 8 (continued) STATE FATALITY RATES (1982-1986)

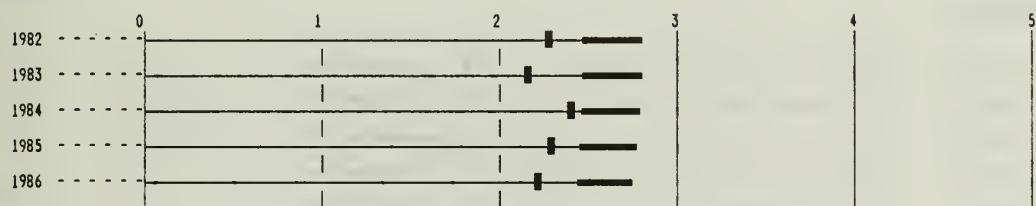
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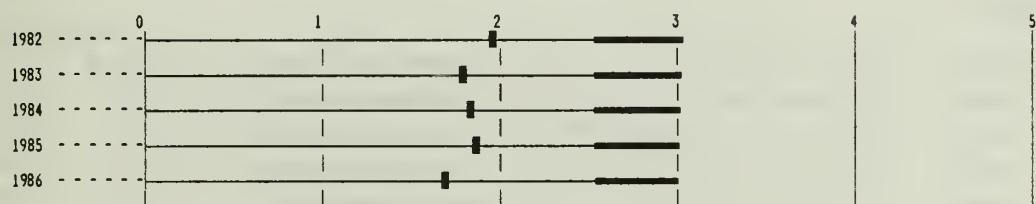
MASSACHUSETTS



MICHIGAN



MINNESOTA



MISSISSIPPI

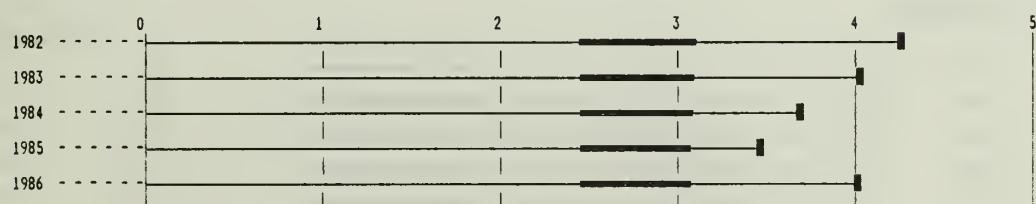
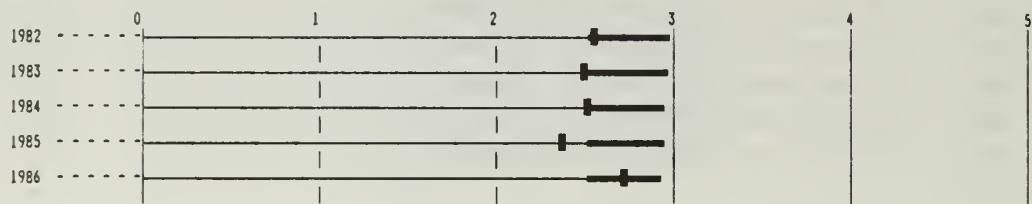
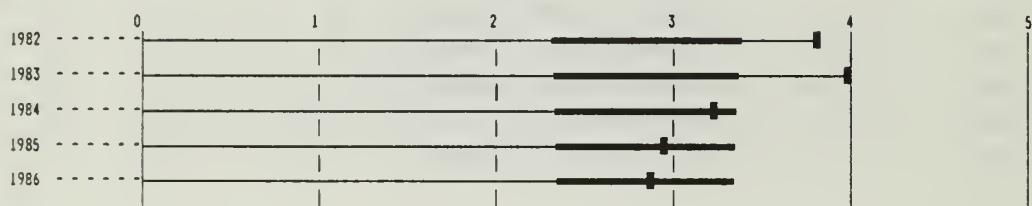


Figure 8 (continued) STATE FATALITY RATES (1982-1986)

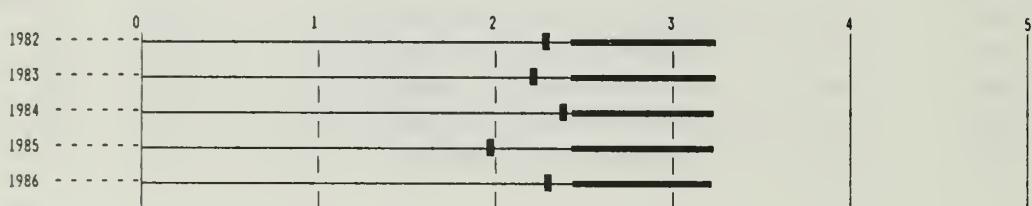
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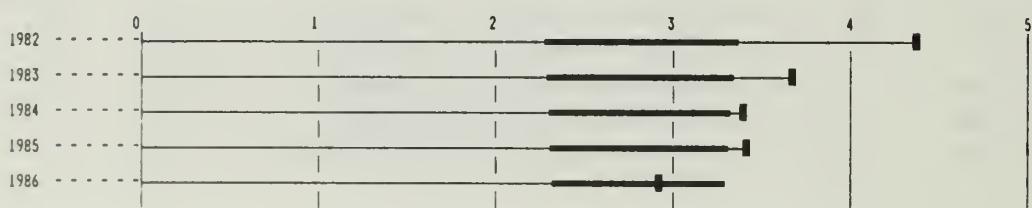
MONTANA



NEBRASKA



NEVADA



NEW HAMPSHIRE

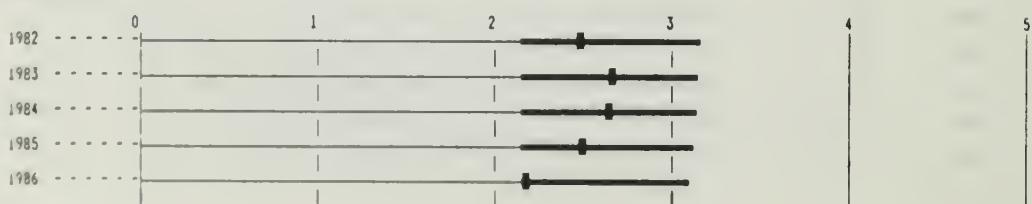
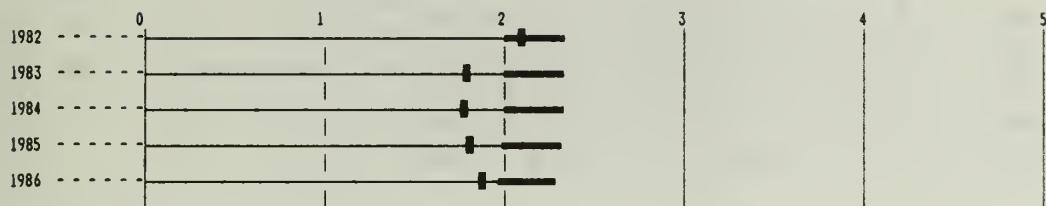
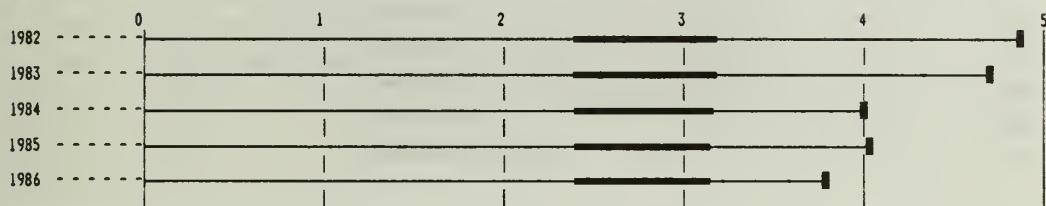


Figure 8 (continued) STATE FATALITY RATES (1982-1986)

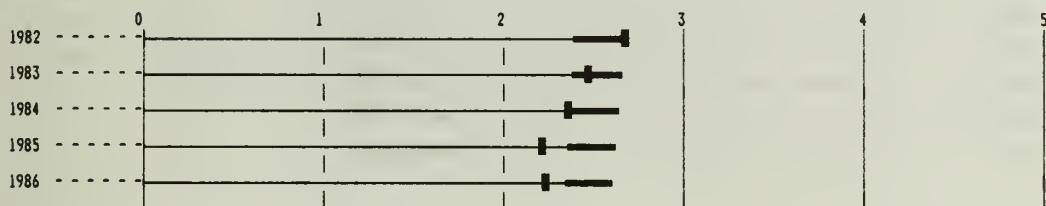
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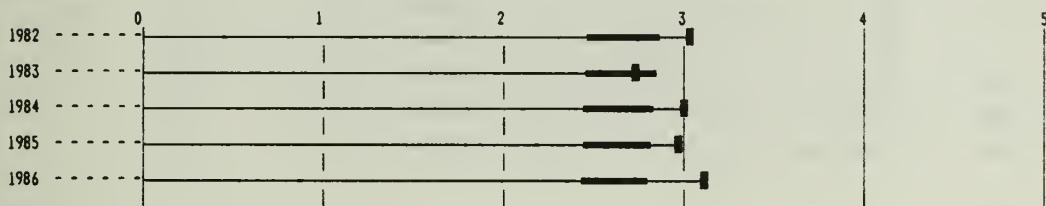
NEW MEXICO



NEW YORK



NORTH CAROLINA



NORTH DAKOTA

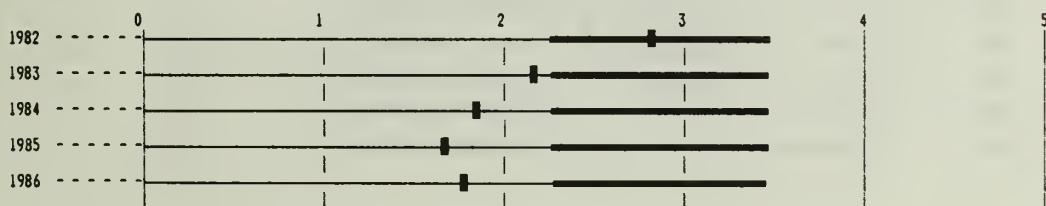
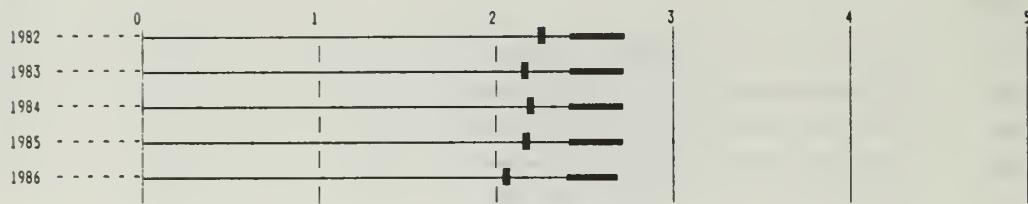
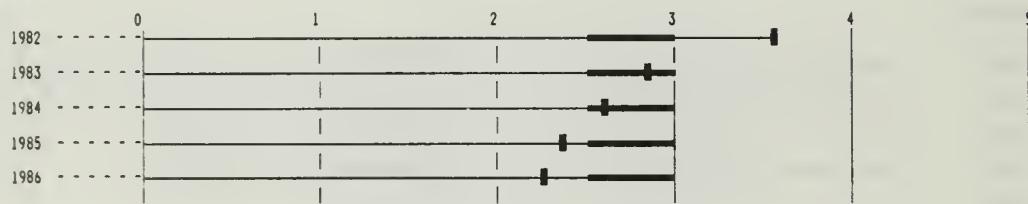


Figure 8 (continued) STATE FATALITY RATES (1982-1986)

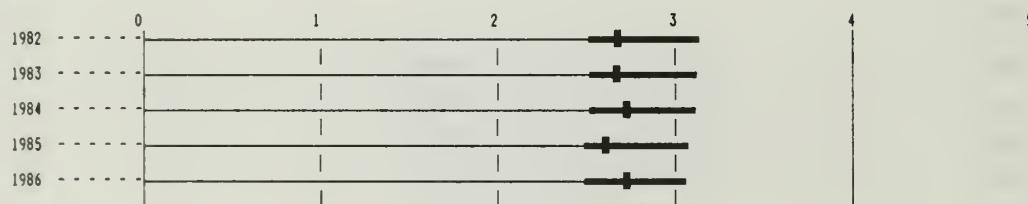
OHIO



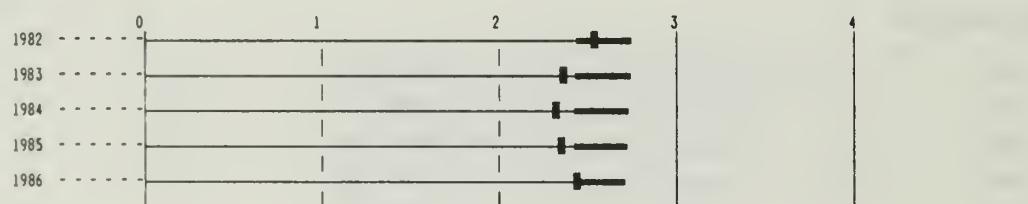
OKLAHOMA



OREGON



PENNSYLVANIA



RHODE ISLAND

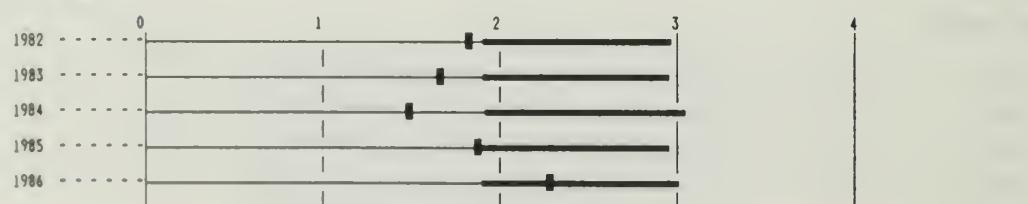
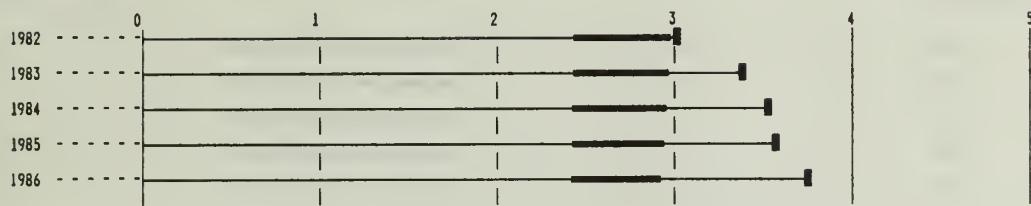
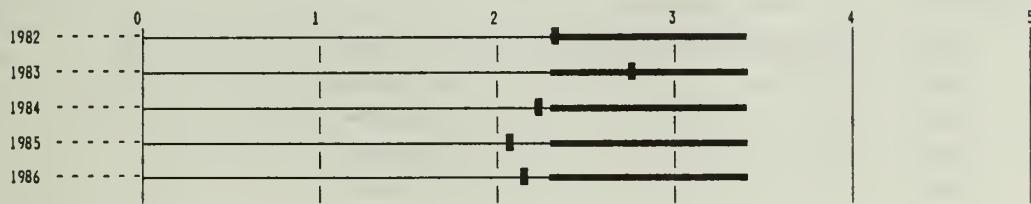


Figure 8 (continued) STATE FATALITY RATES (1982-1986)

SOUTH CAROLINA



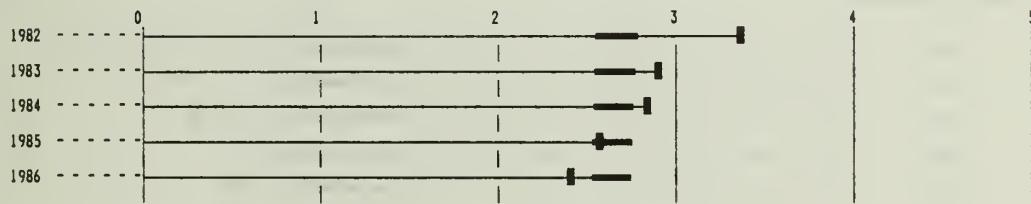
SOUTH DAKOTA



TENNESSEE



TEXAS



UTAH

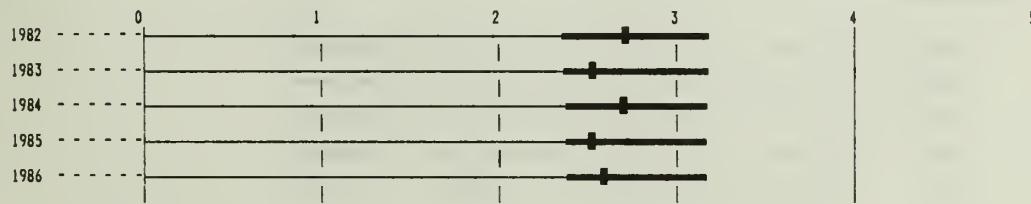
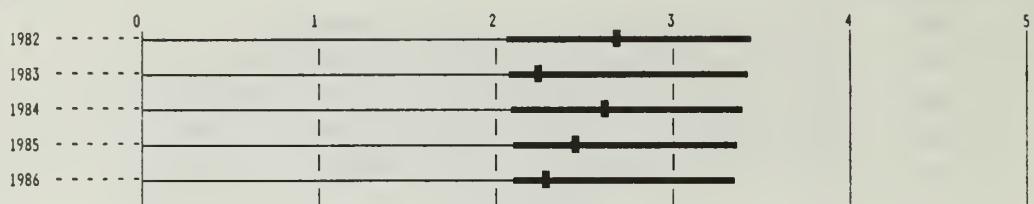


Figure 8 (continued) STATE FATALITY RATES | 1982-1986

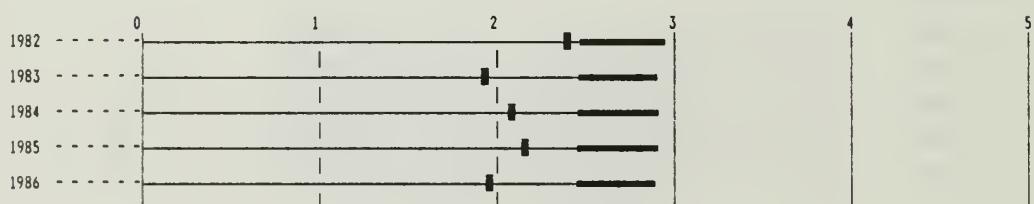
VERMONT



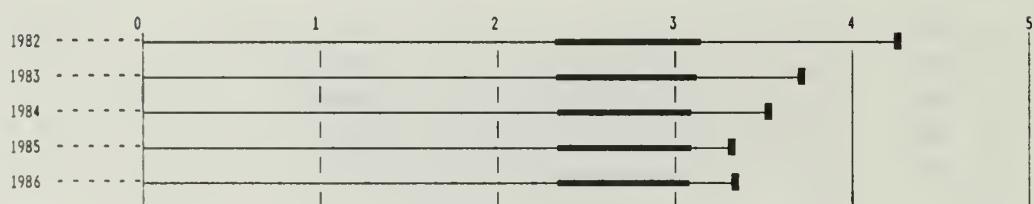
VIRGINIA



WASHINGTON



WEST VIRGINIA



WISCONSIN

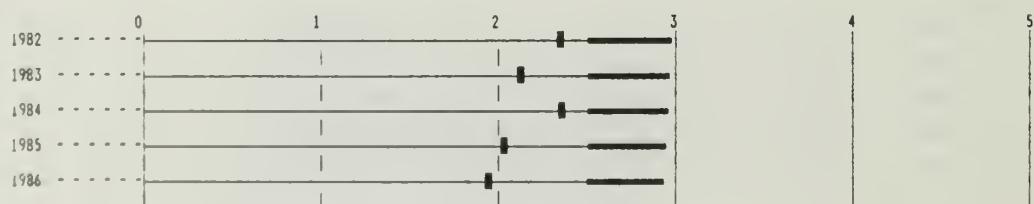
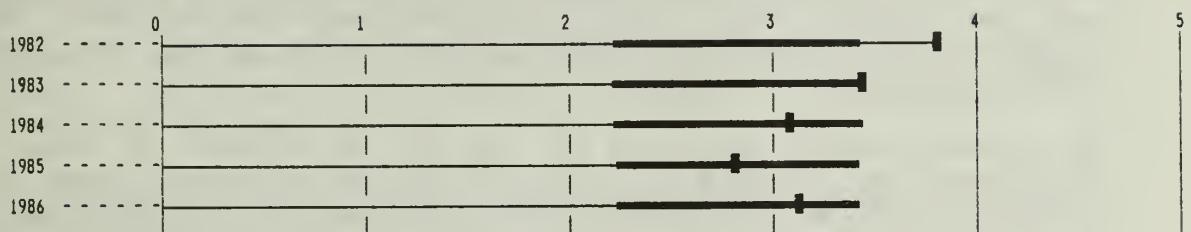


Figure 8 (continued) STATE FATALITY RATES (1982-1986)

WYOMING



LEGEND:
Reported fatality rate

Provisional range

SECTION VII--SUMMARY

The data presented in this report are intended for use in the evaluation of the highway safety performance of the States. The data were submitted by the States through the Highway Performance Monitoring System operated by the Federal Highway Administration.

Six states--Florida, Indiana, Massachusetts, Missouri, North Carolina and Vermont, and the District of Columbia--were unable to submit complete data in time for inclusion in this report. Only Massachusetts failed to submit data for 1984 and 1985. Vermont failed to submit data for 1984. Missouri and North Carolina failed to submit nonfatal injury accident data for all highway systems.

The traffic accident statistics for 1986 show an increase of about 2,200 fatalities, as compared to 1985. A disproportionate share of these fatalities occurred on non-Federal-Aid collector and local highways. As a result of this increase and an increase in the vehicle miles of travel, the fatality rate per 100 million vehicle miles of travel was 2.51, which was higher than the record low set in 1985. Analysis of the travel and accident data which have been presented is beyond the scope of this report.

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